

FIG. 1

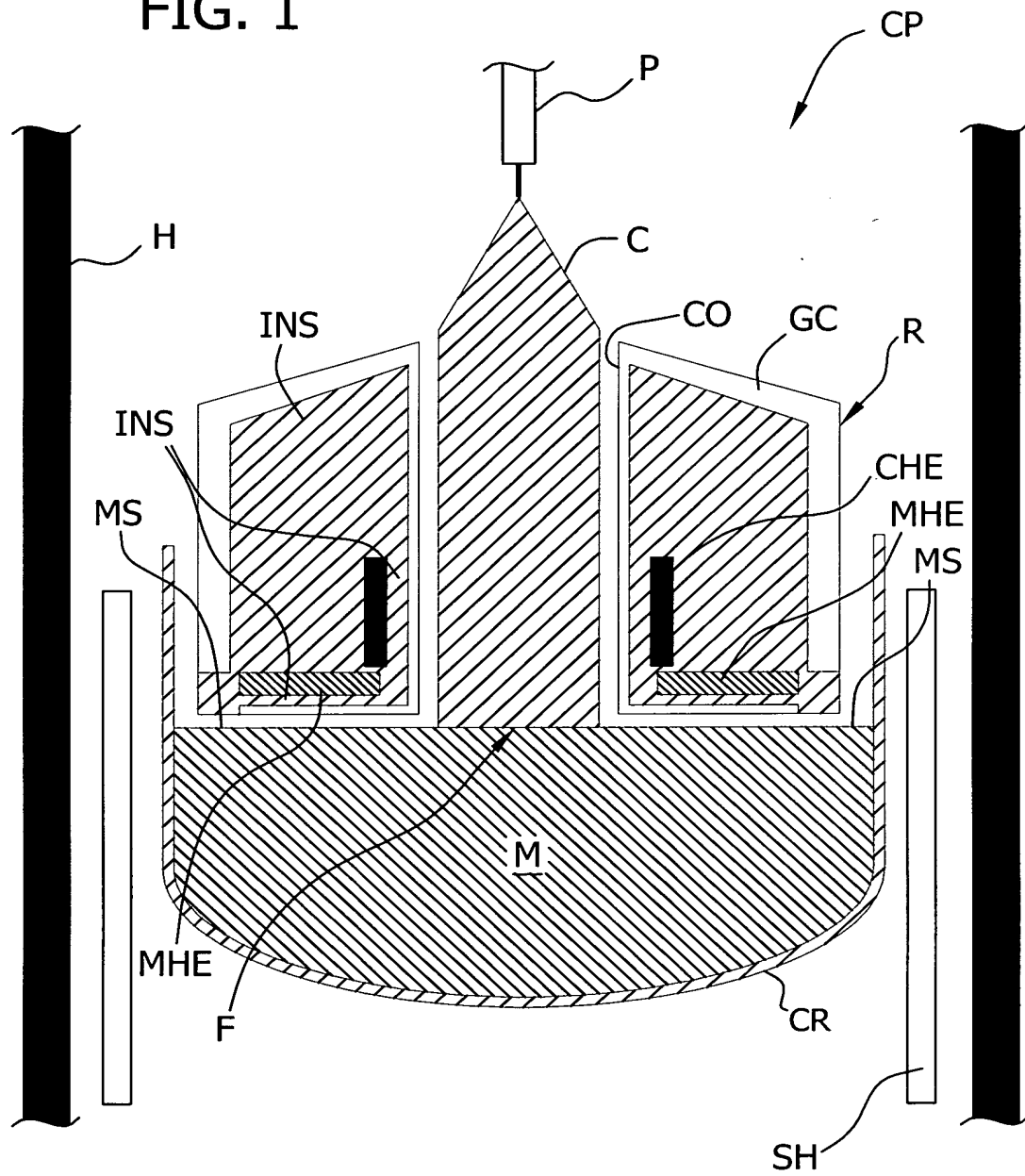


FIG. 2

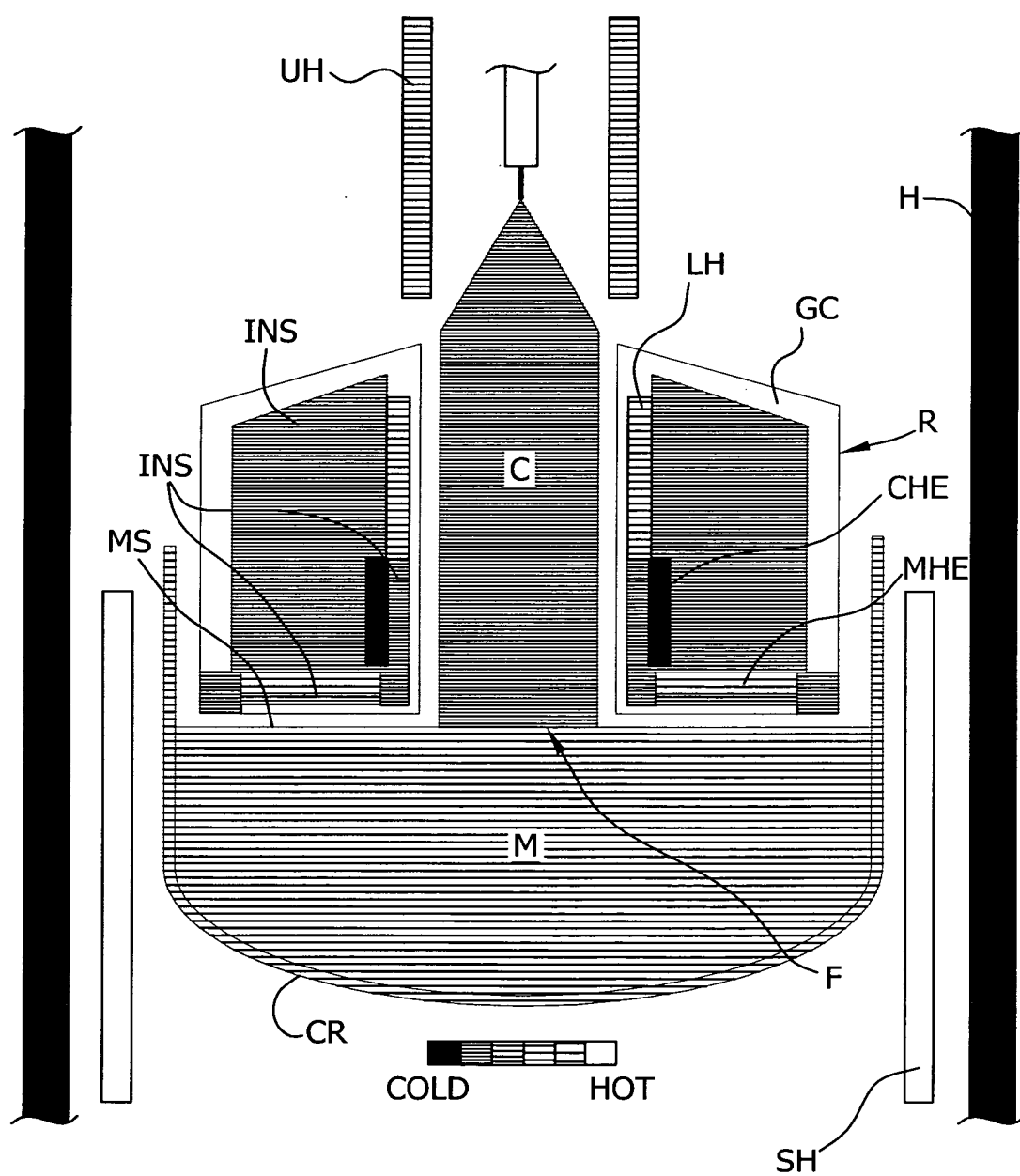


FIG. 3

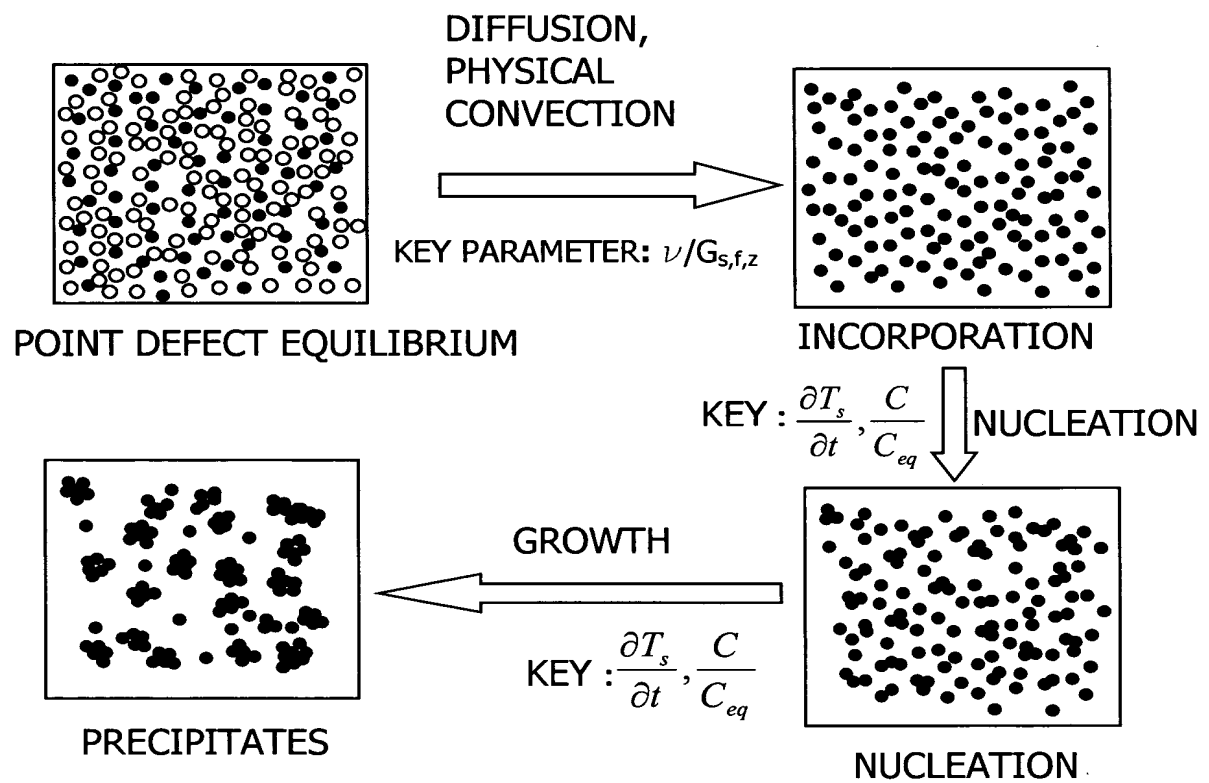


FIG. 4

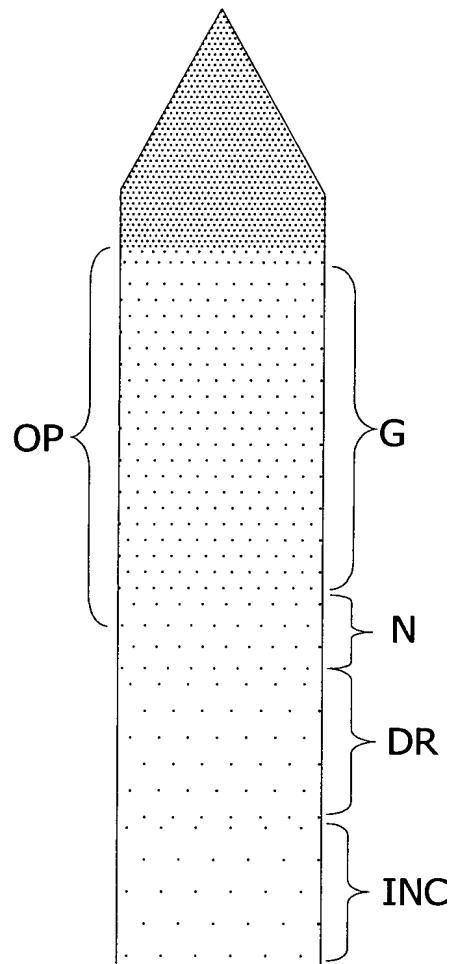


FIG. 5A

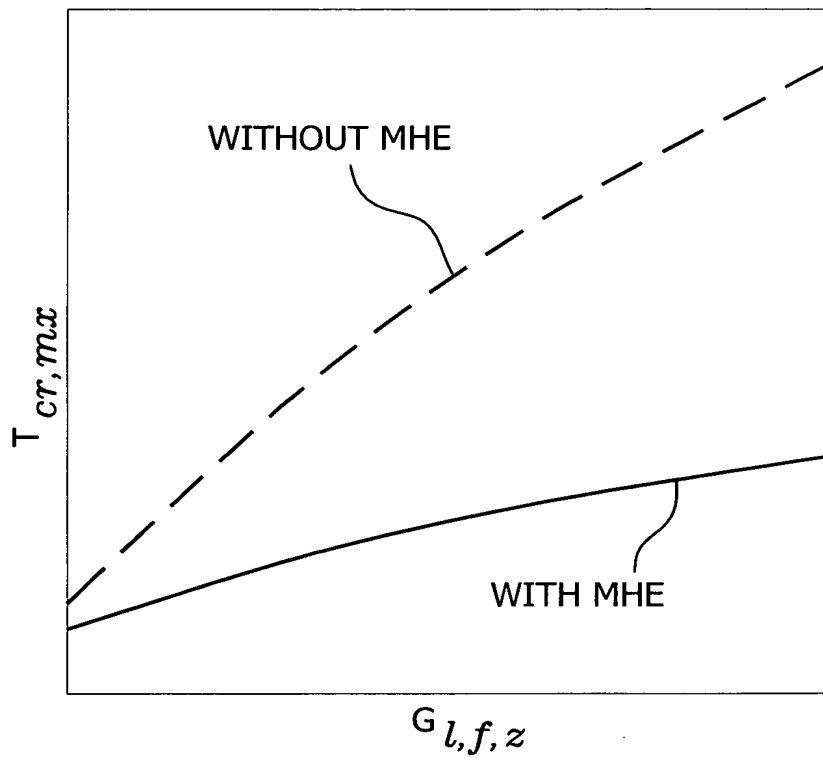


FIG. 5B

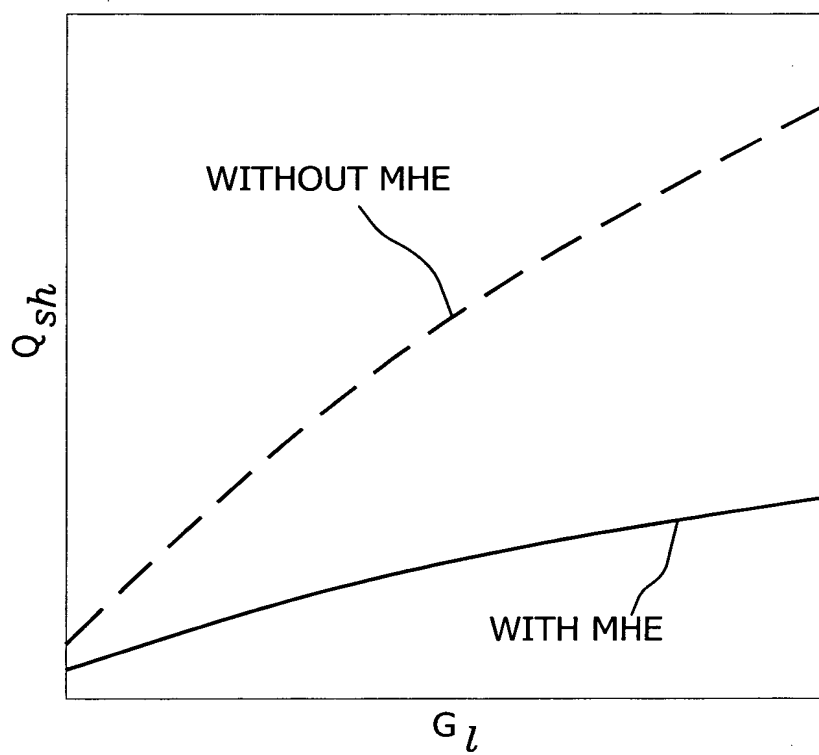


FIG. 6

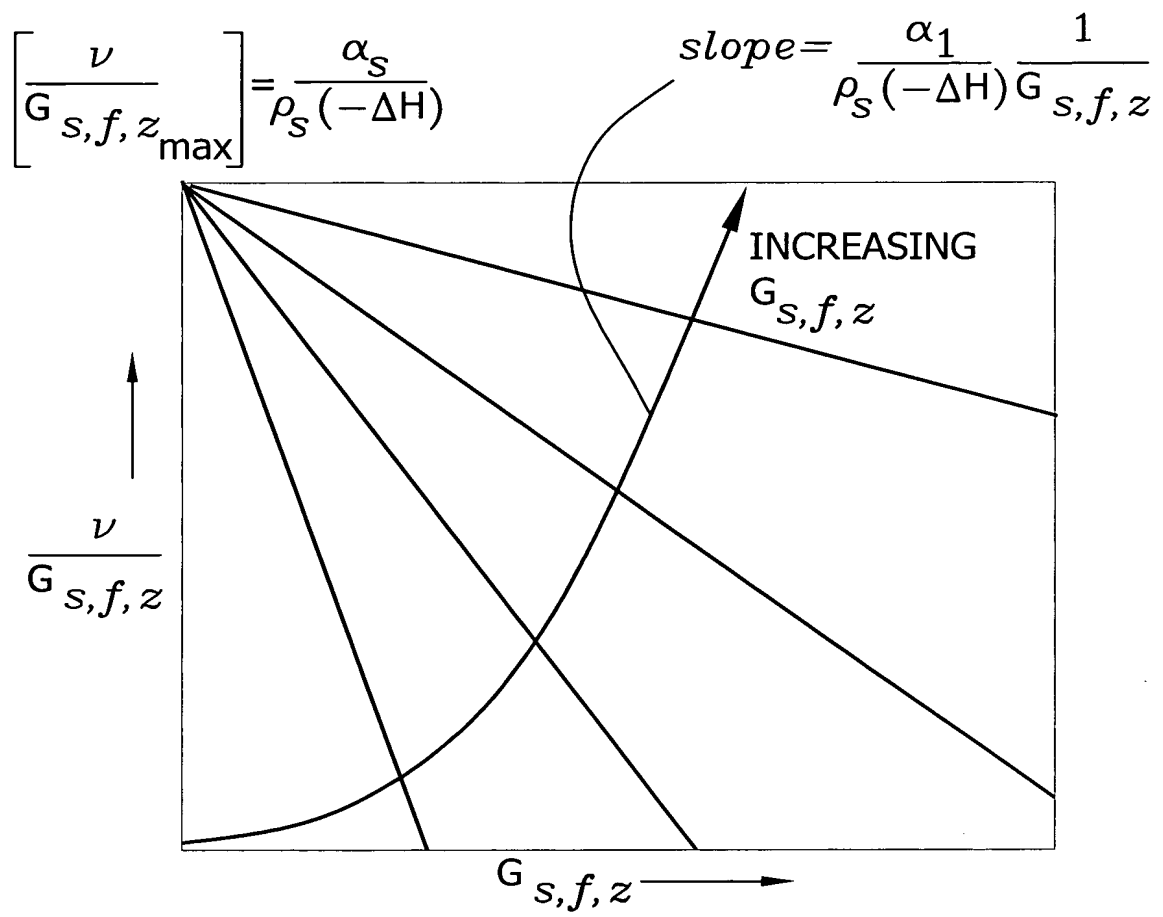


FIG. 7

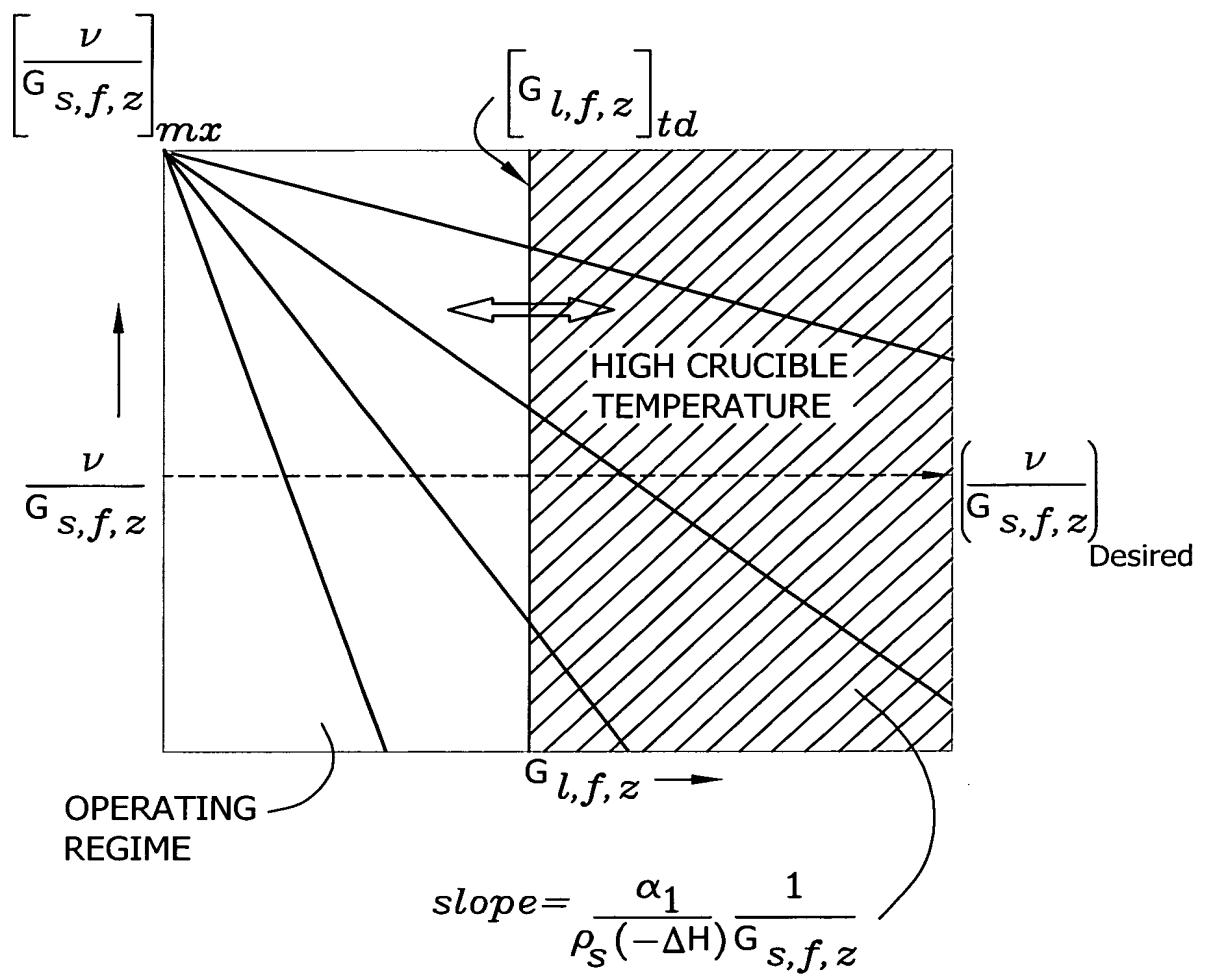


FIG. 8

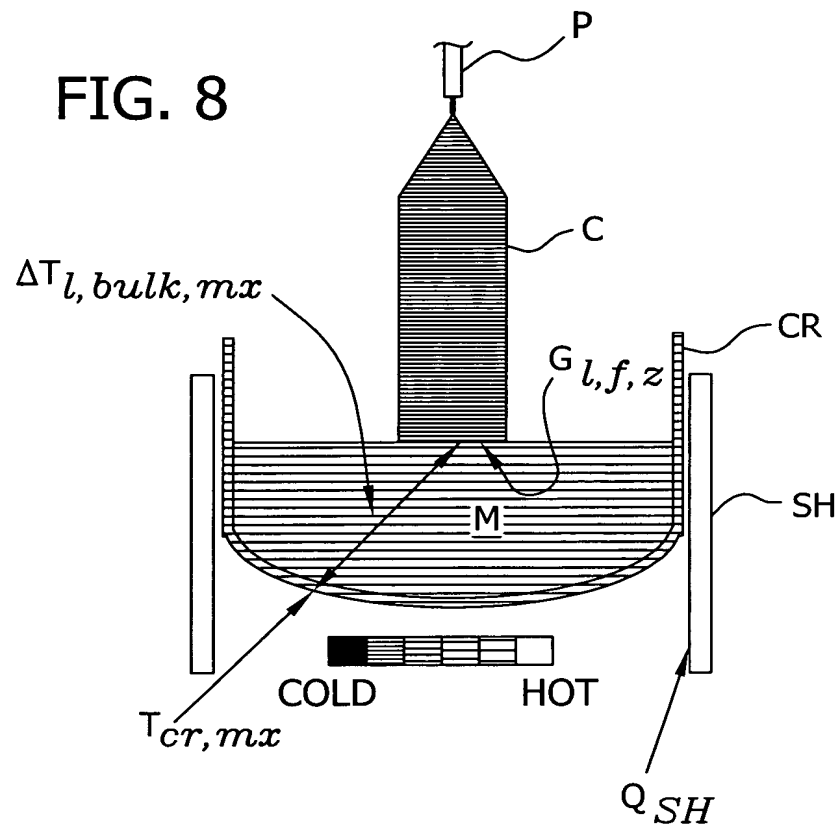


FIG. 8A

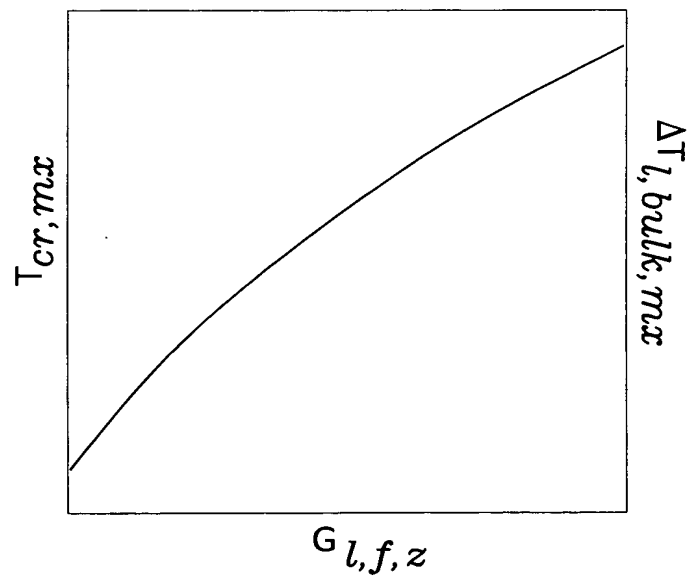


FIG. 9

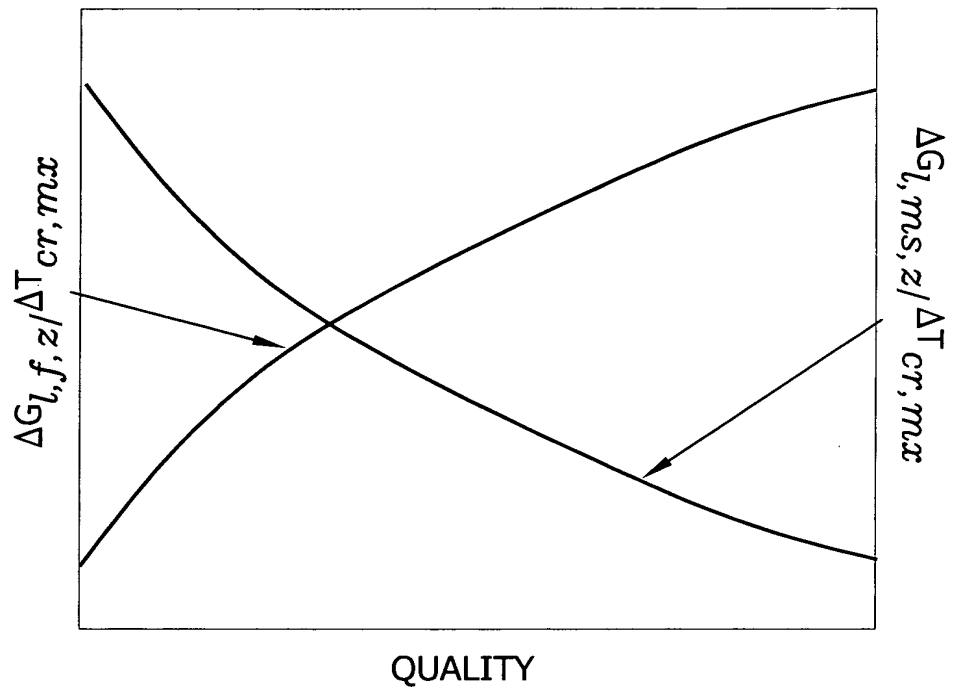


FIG. 10

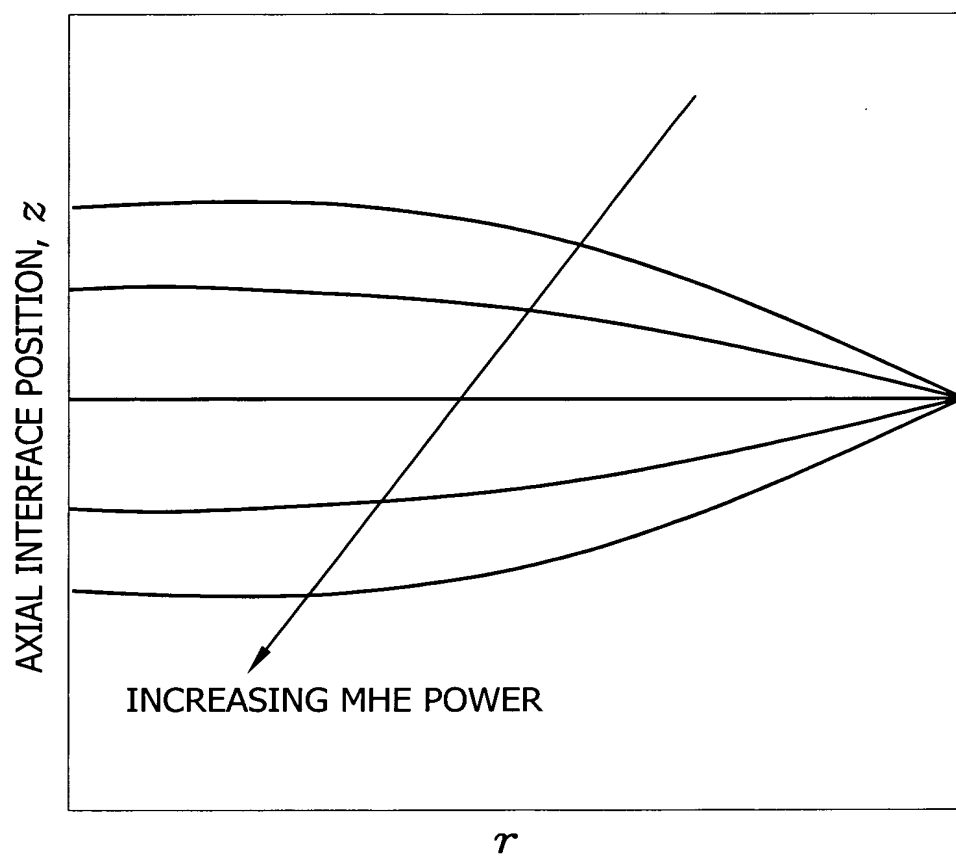


FIG. 11

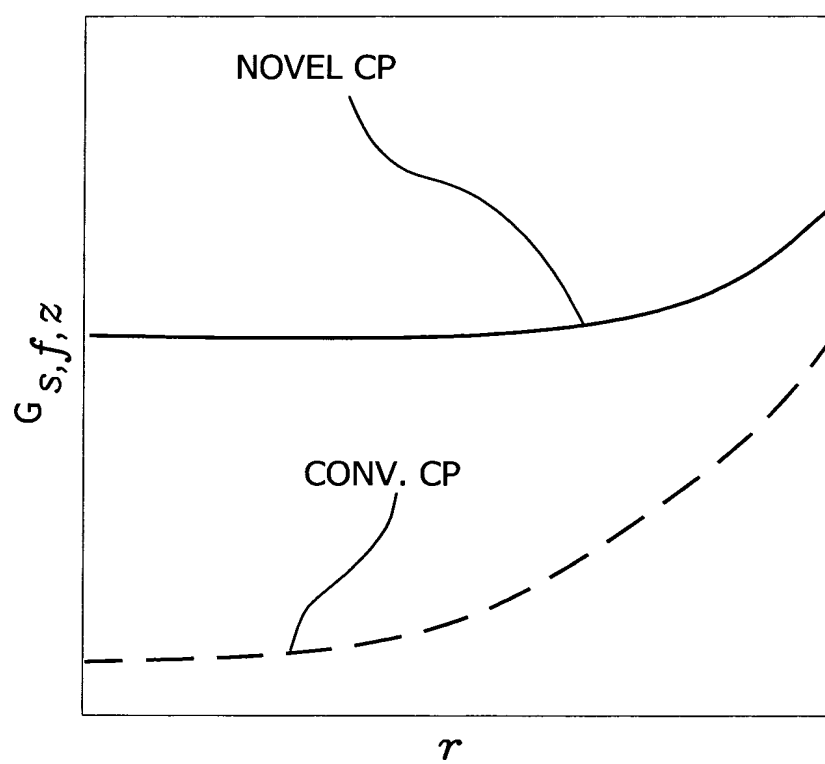


FIG. 12A

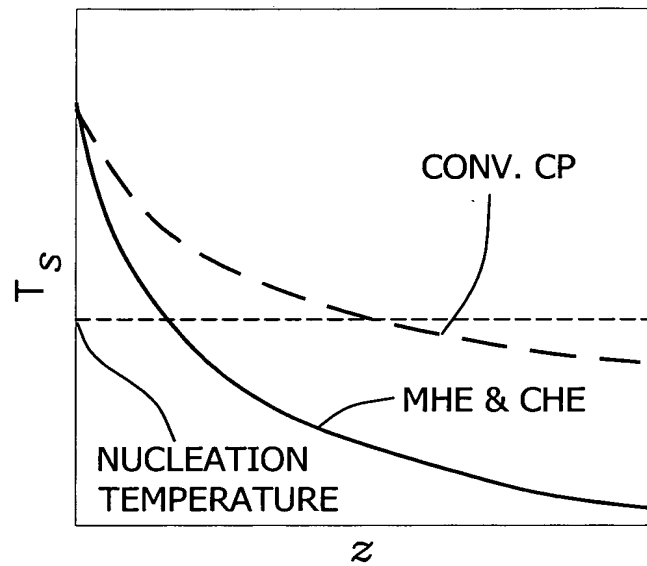


FIG. 12B

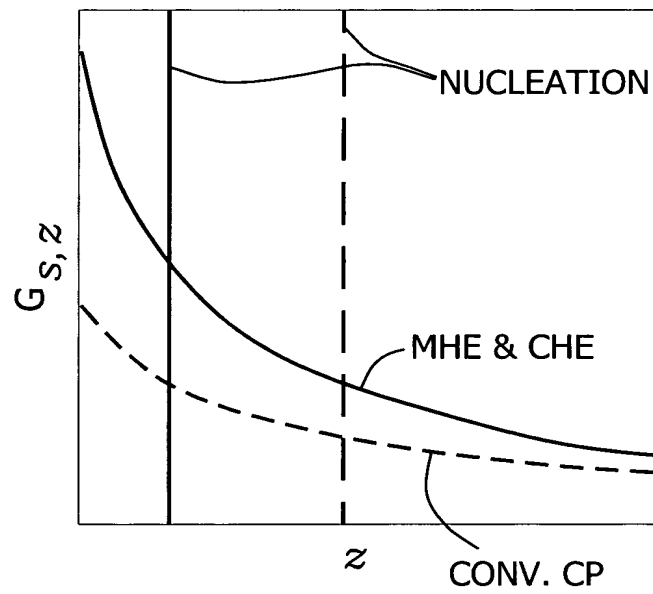


FIG. 13

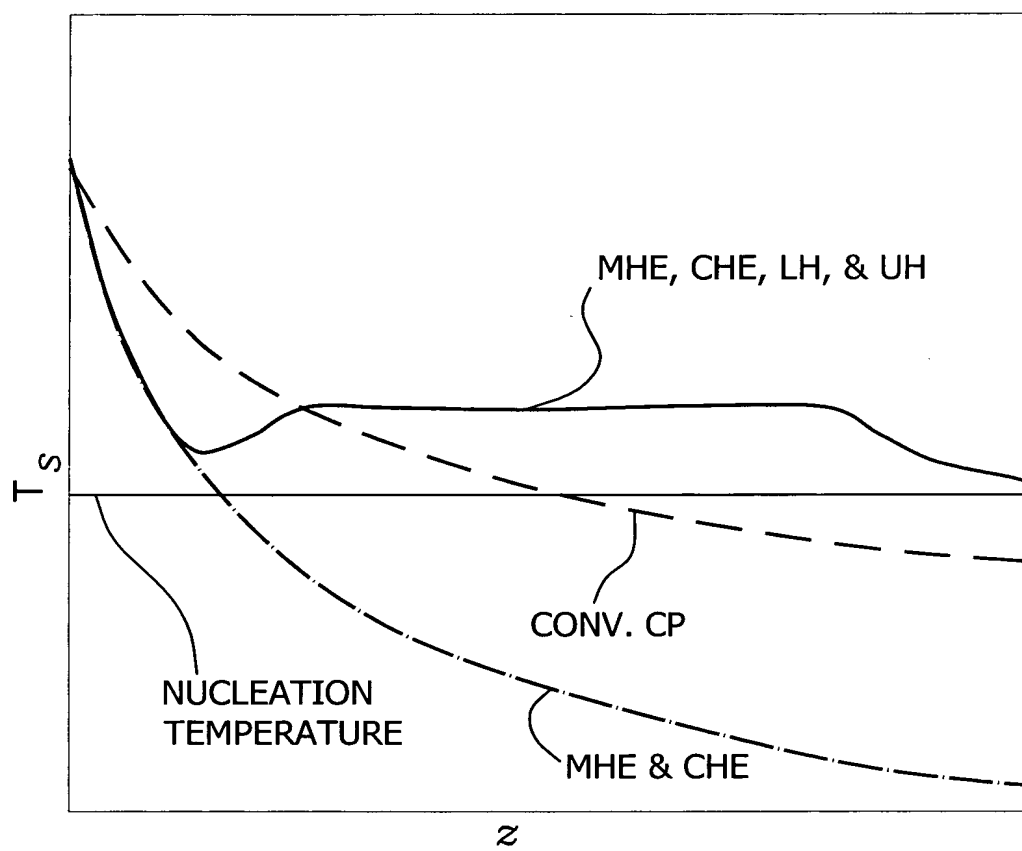


FIG. 14

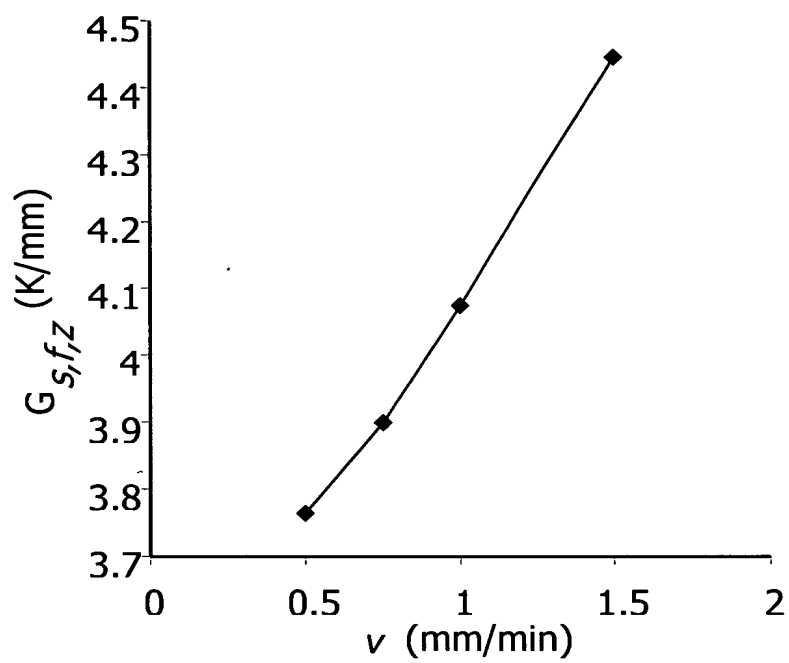


FIG. 15

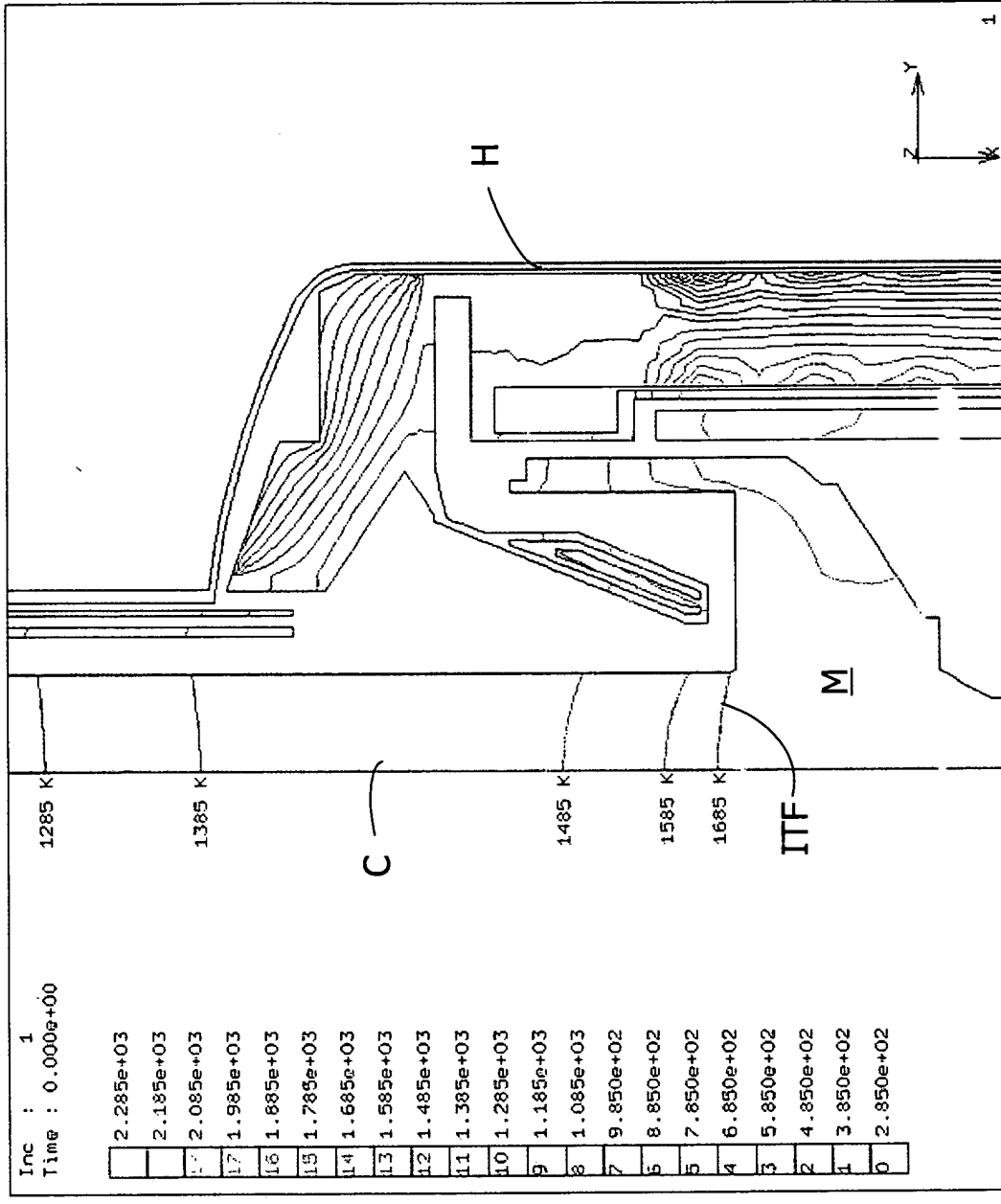


FIG. 16A

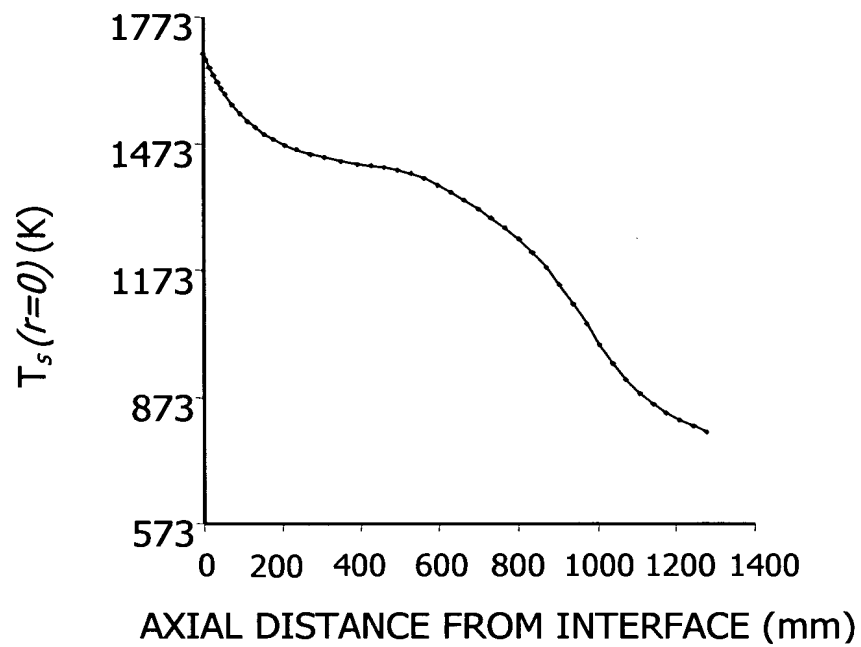


FIG. 16B

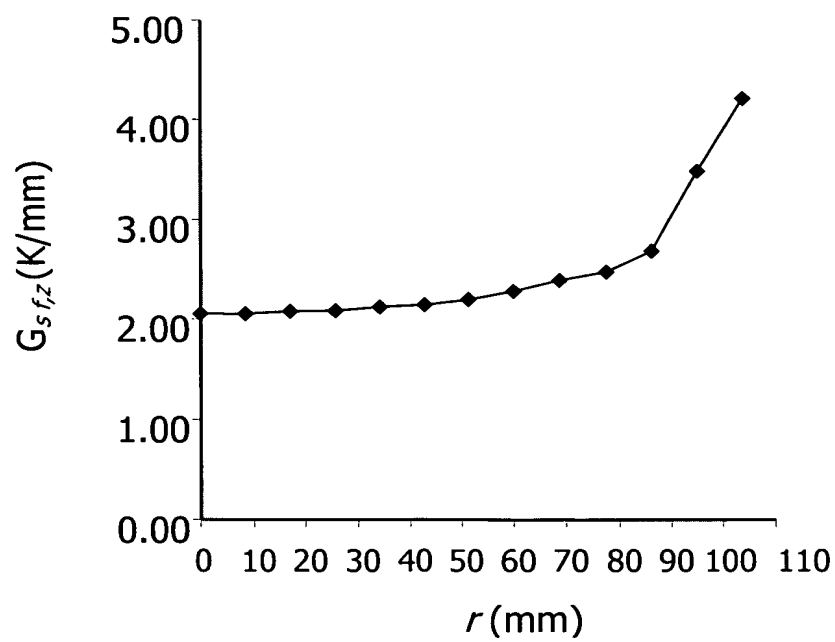


FIG. 17

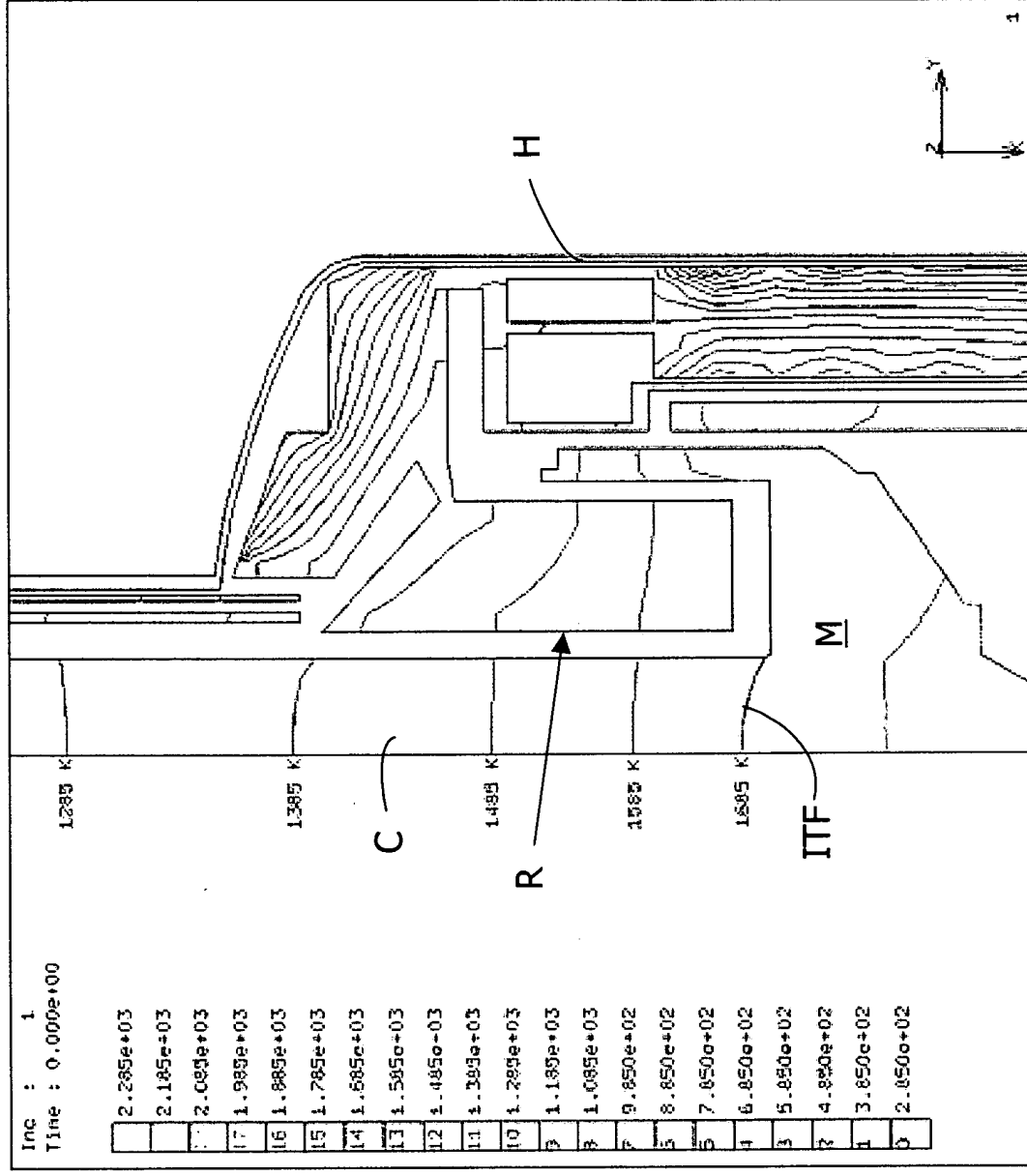


FIG. 18A

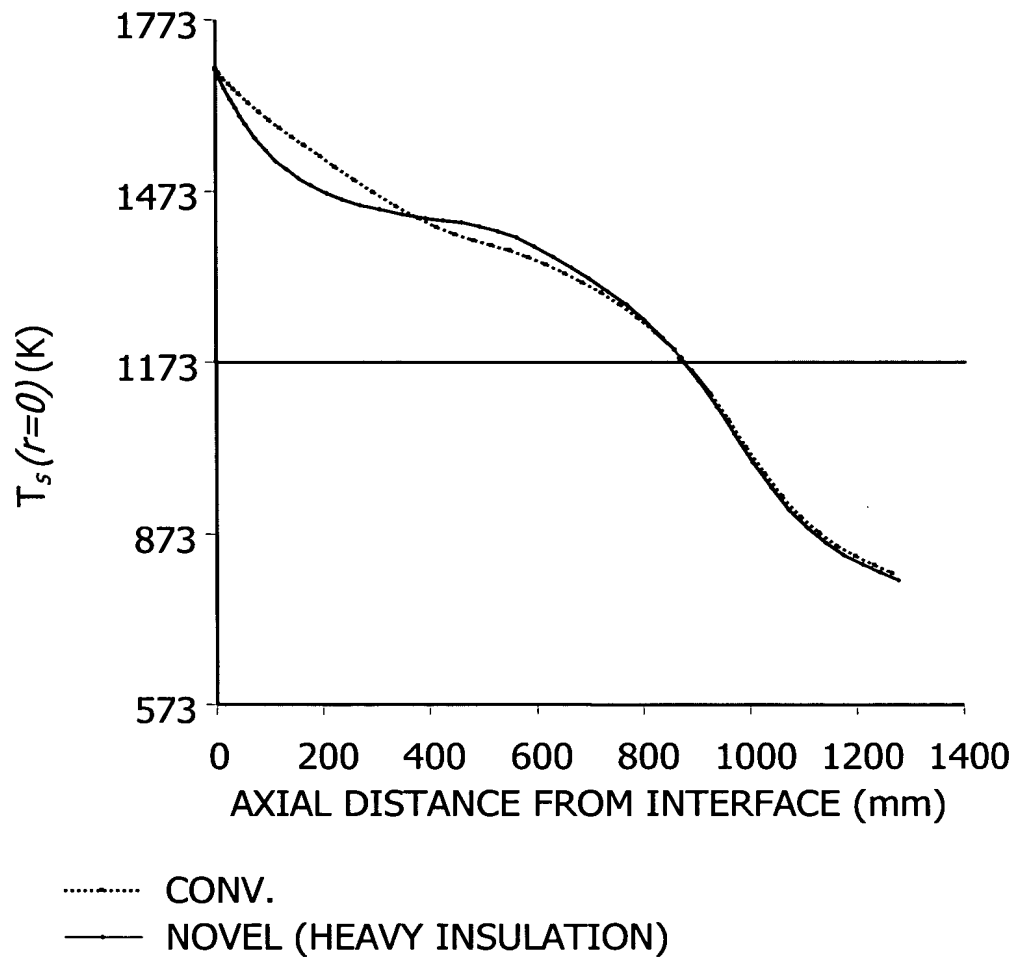


FIG. 18B

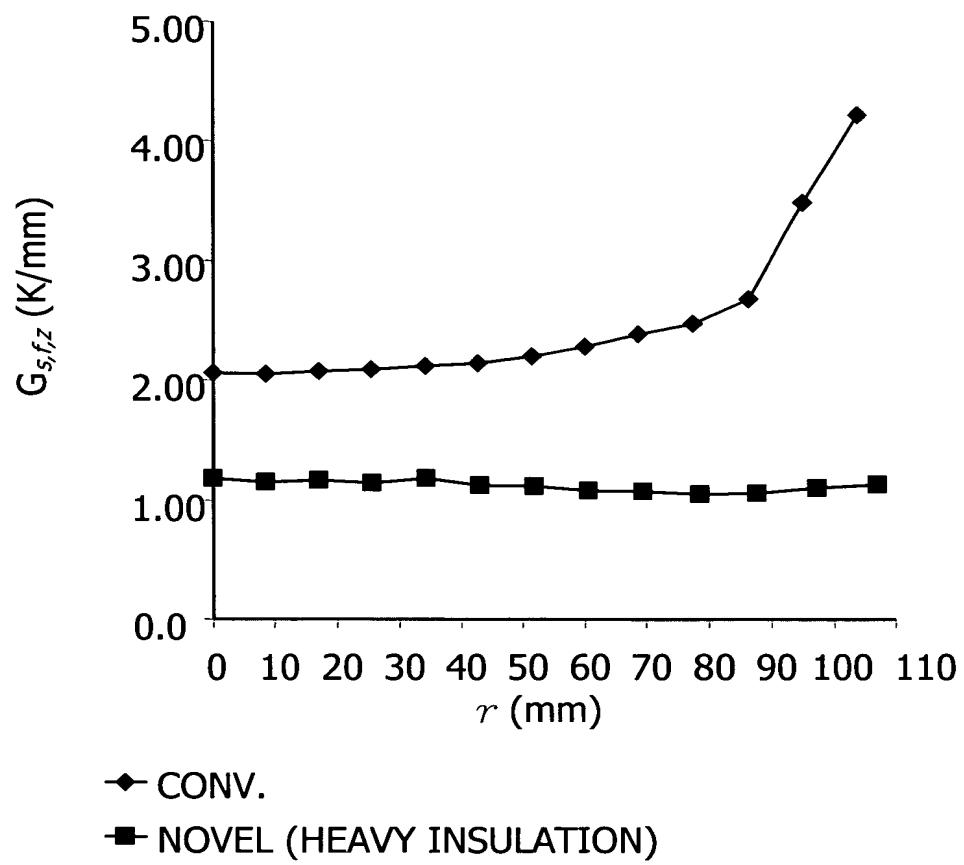


FIG. 18C

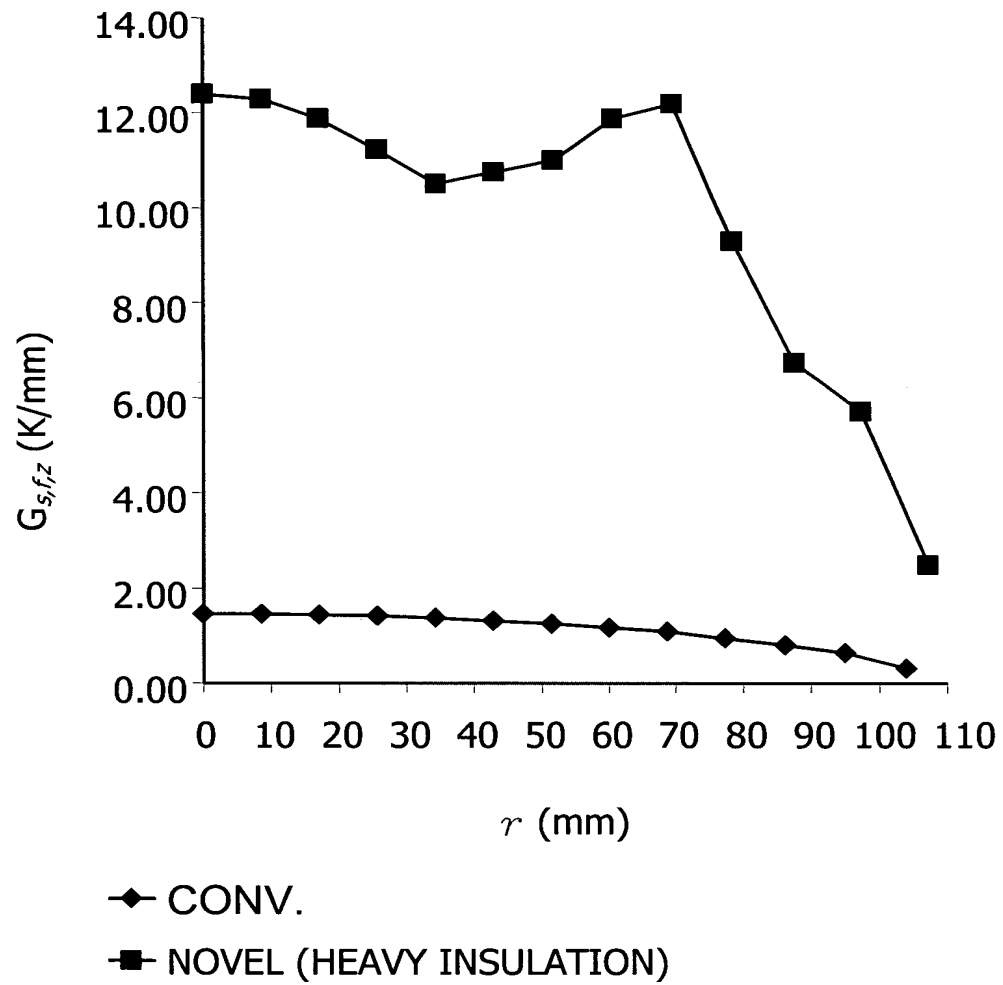


FIG. 19

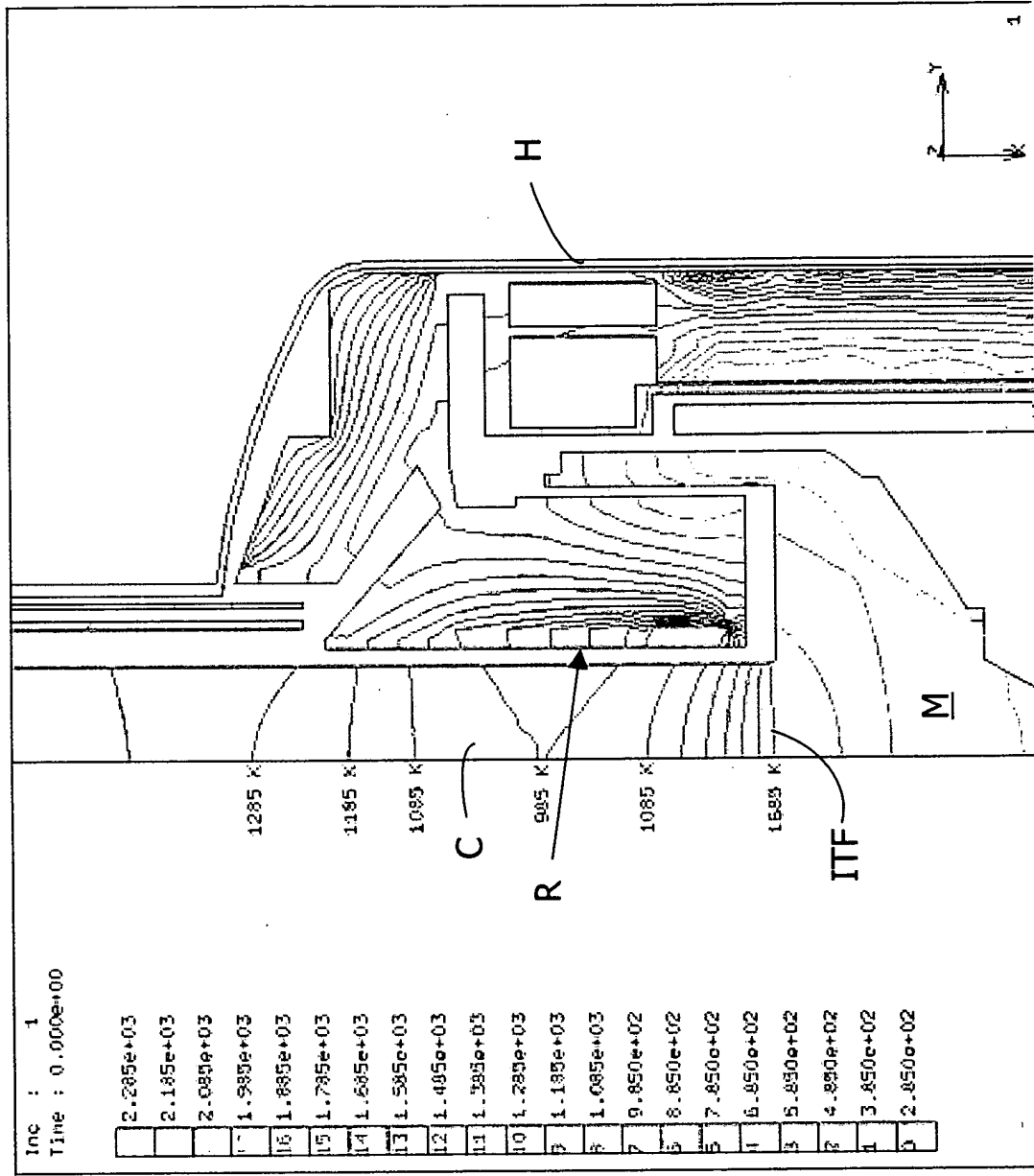
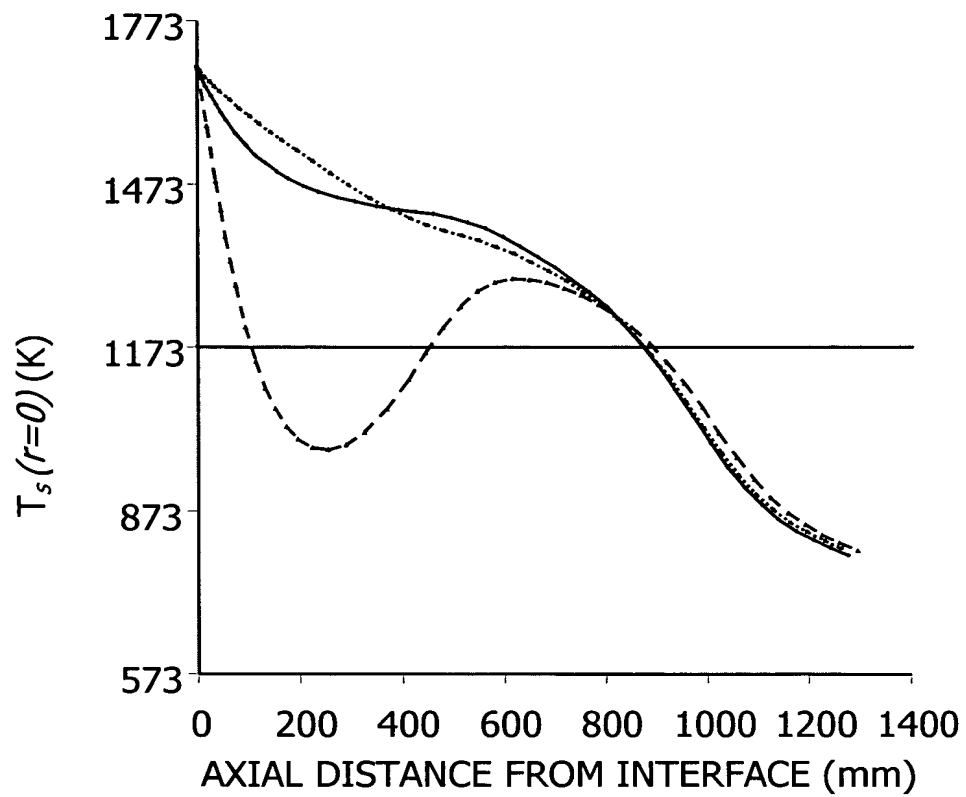


FIG. 20A



- CONV.
--- NOVEL (HEAVY INSULATION)
..... NOVEL (CHE AT 300K)

FIG. 20B

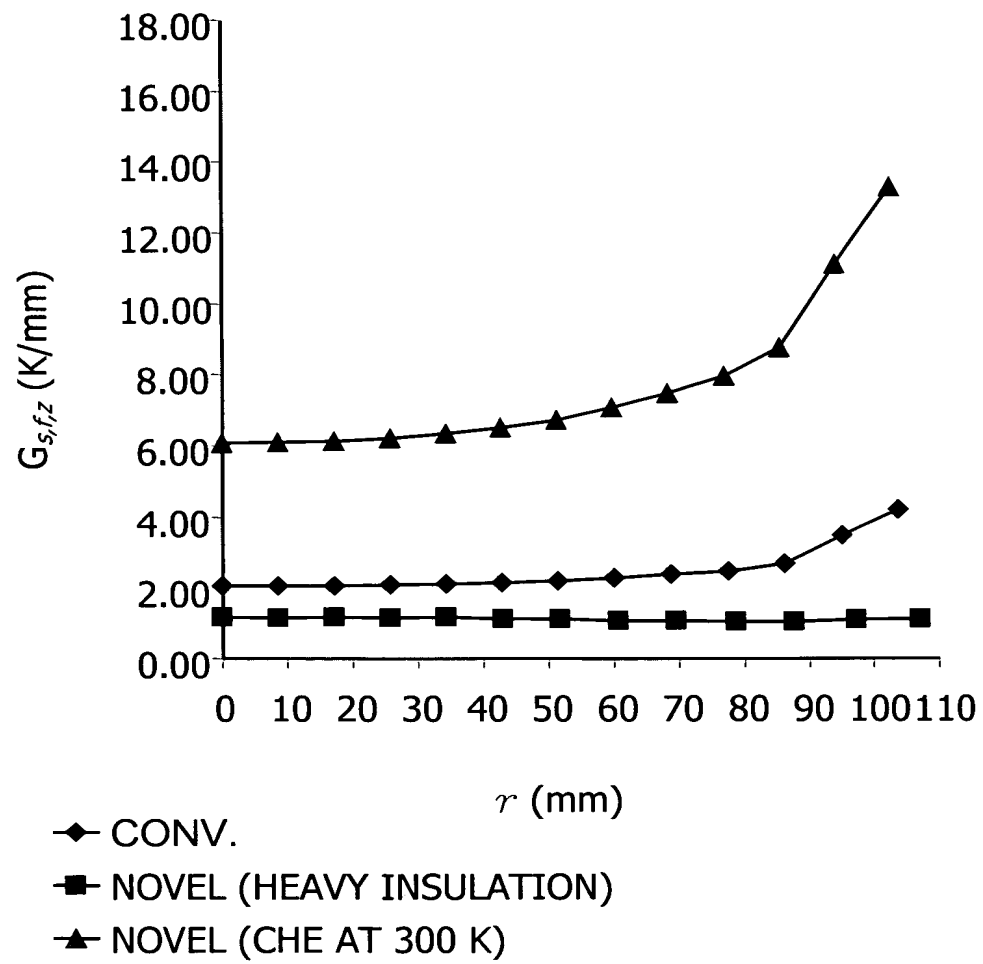


FIG. 20C

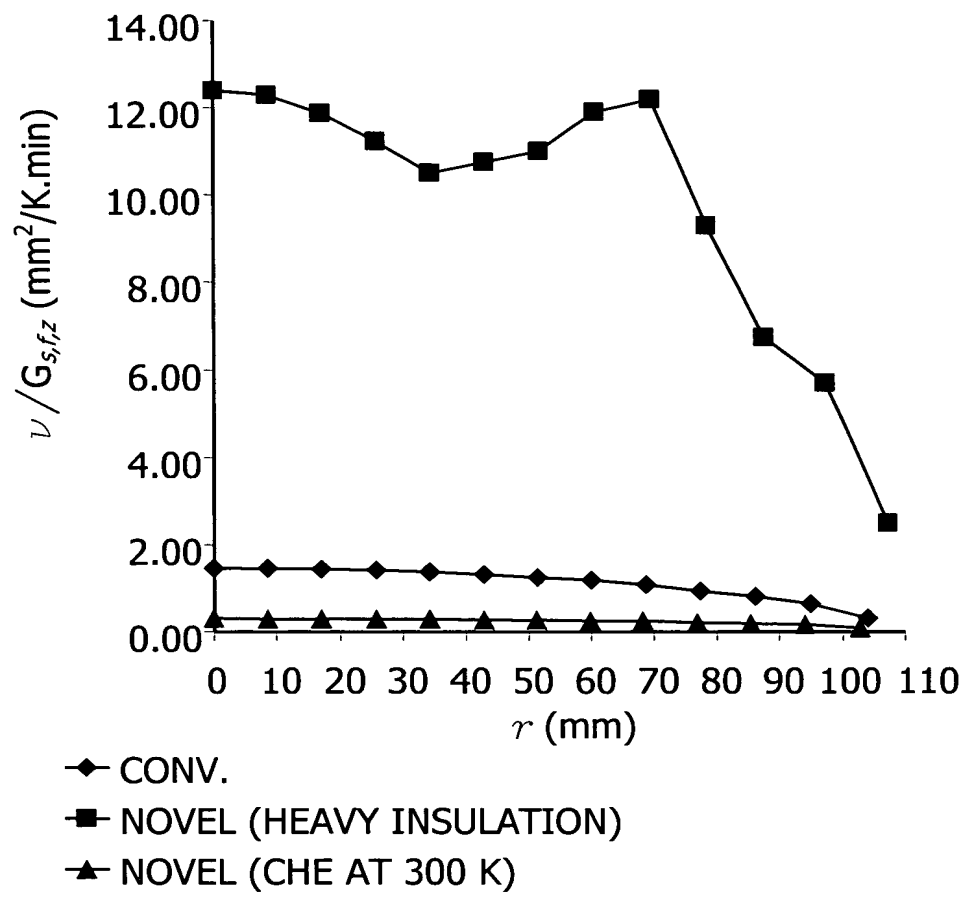


FIG. 21

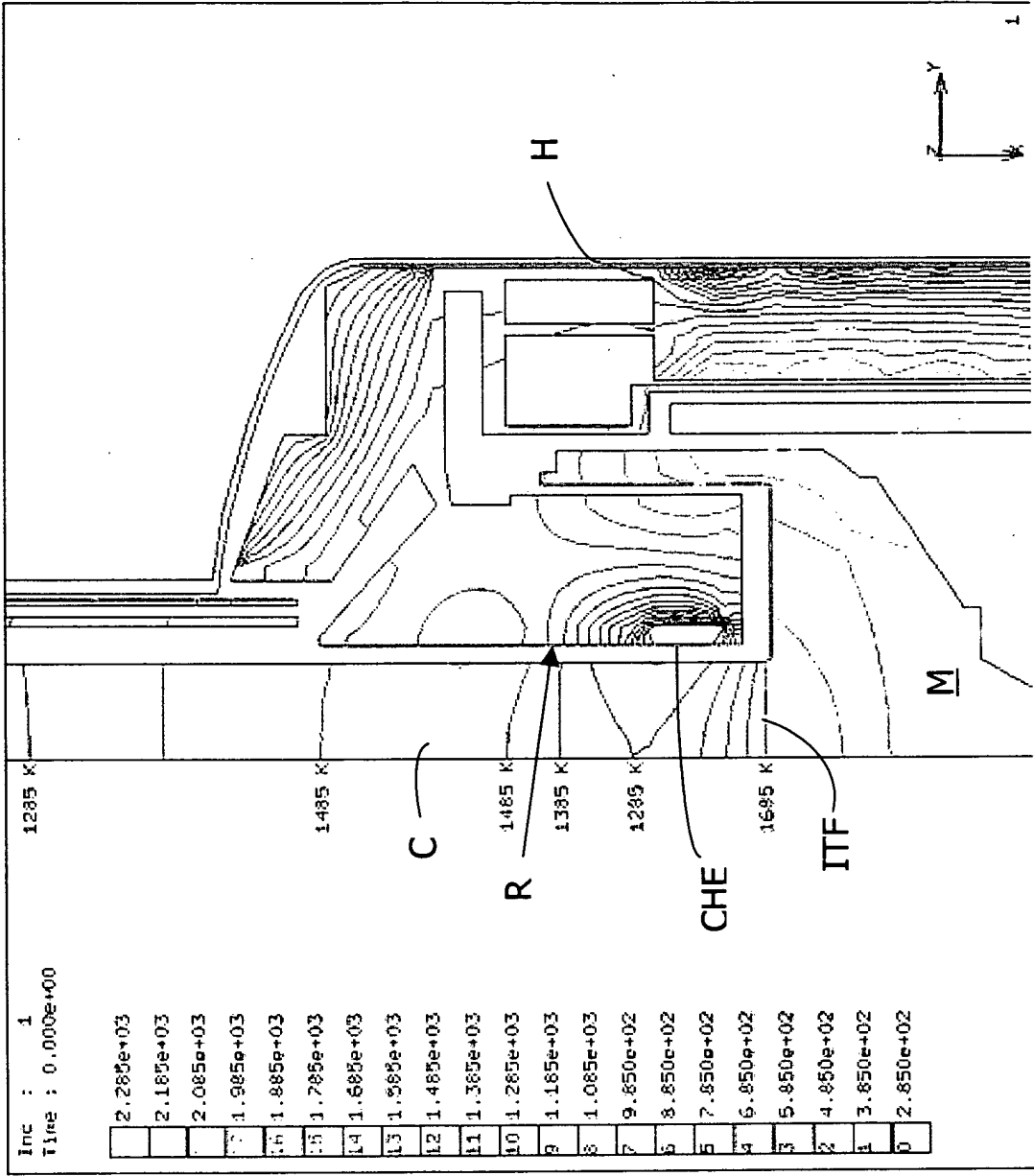
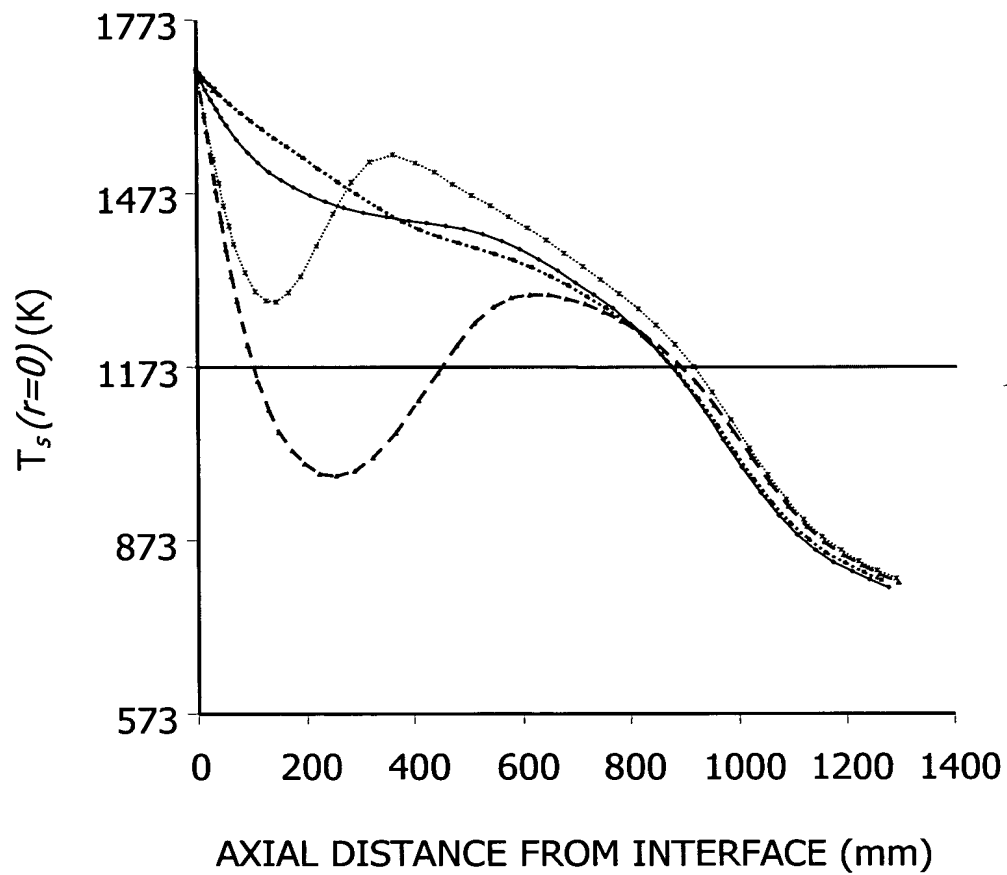


FIG. 22A



- CONV.
- NOVEL (HEAVY INSULATION)
- NOVEL (CHE AT 300 K)
- . - . NOVEL (CHE AT 300 K, LHE AT 17.6 KW)

FIG. 22B

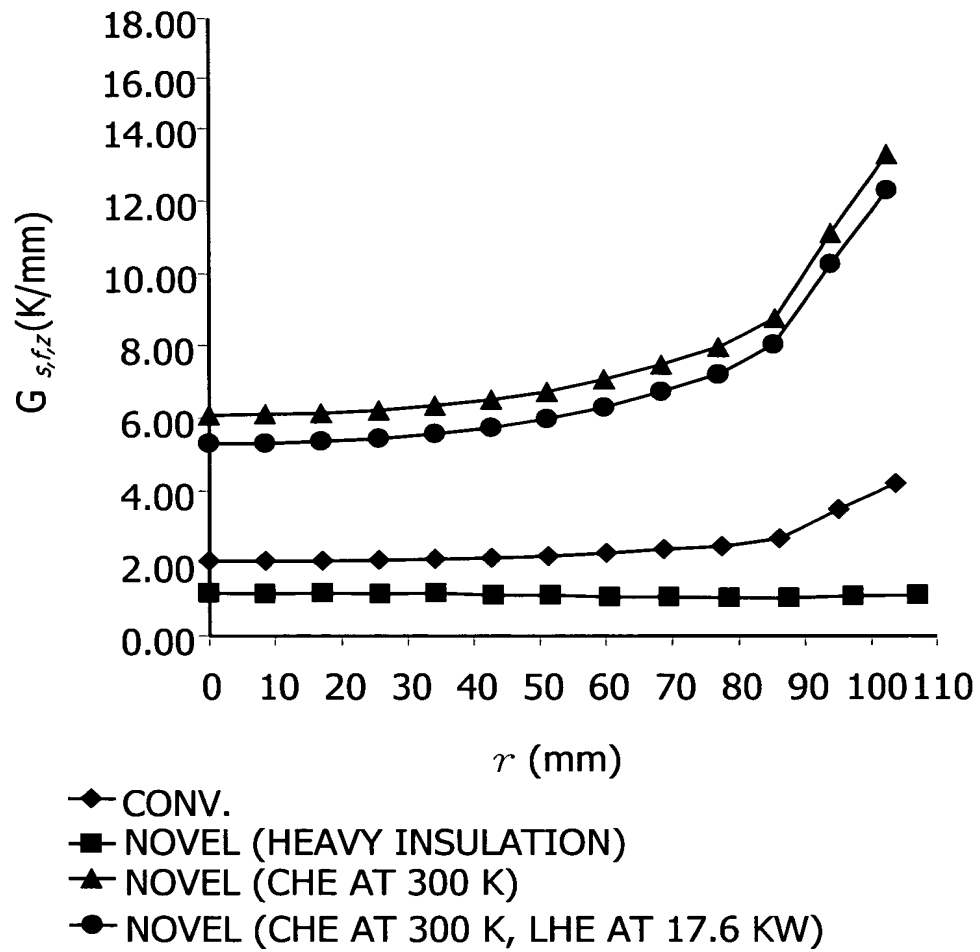


FIG. 22C

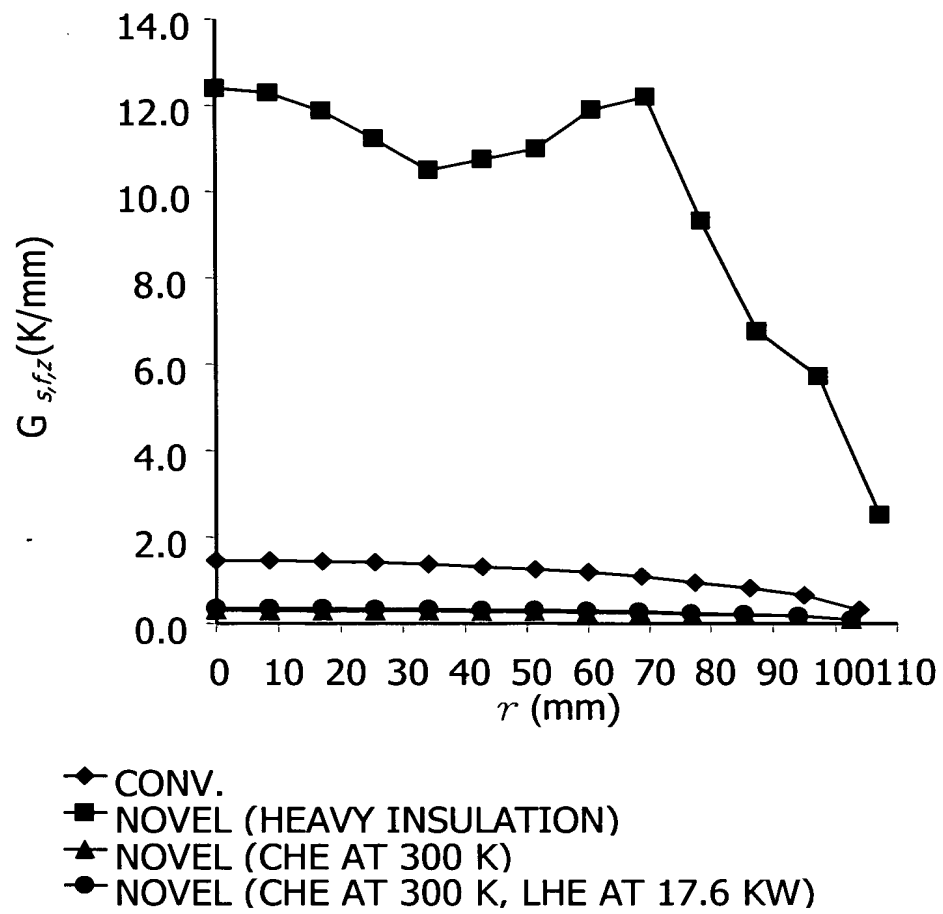


FIG. 23A

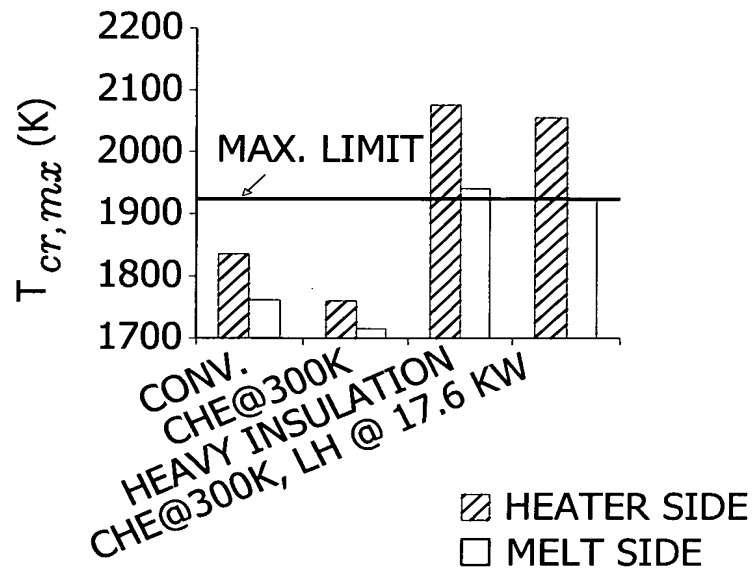


FIG. 23B

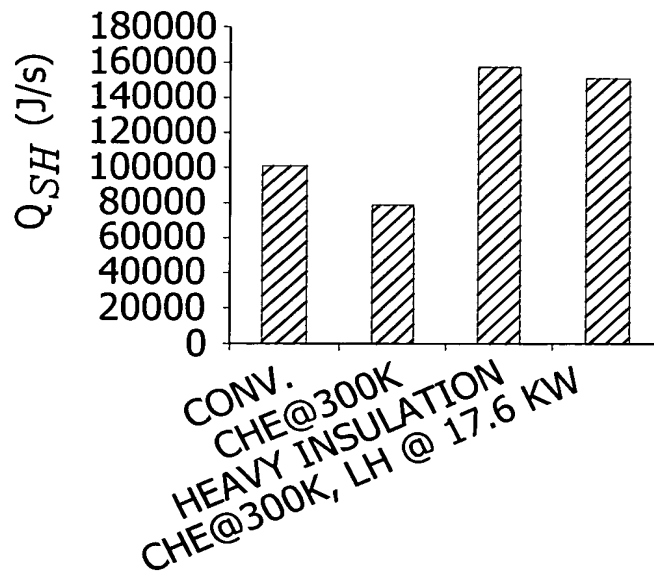


FIG.24A

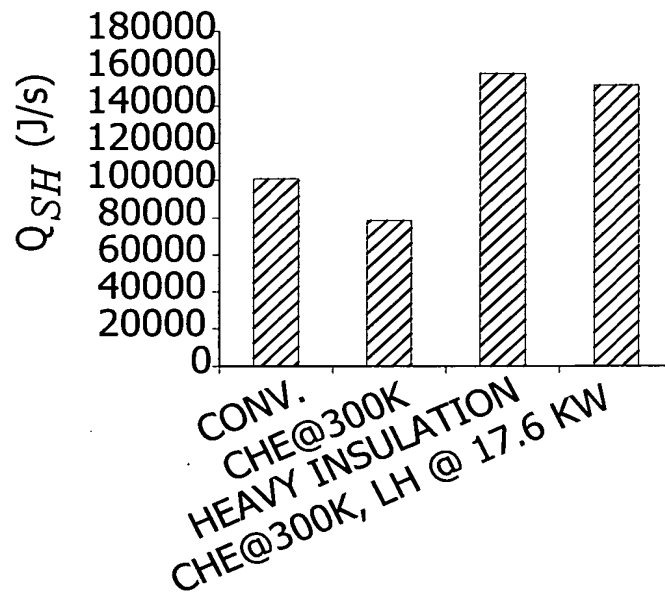


FIG.24B

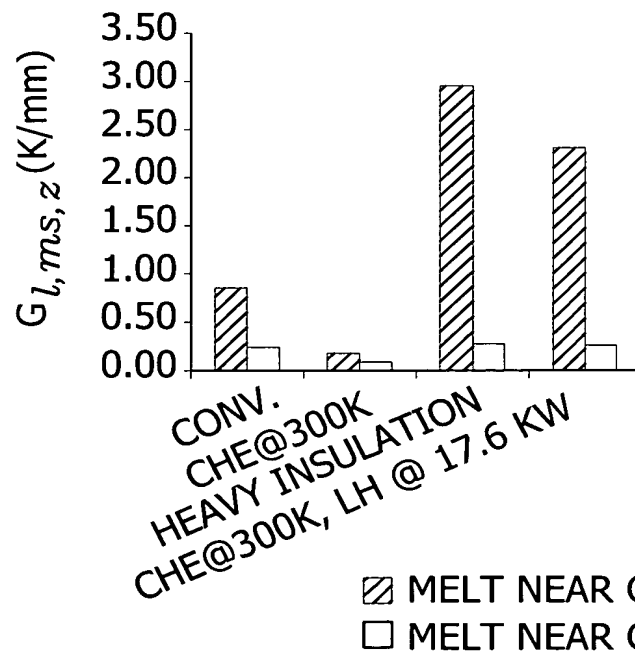


FIG. 25

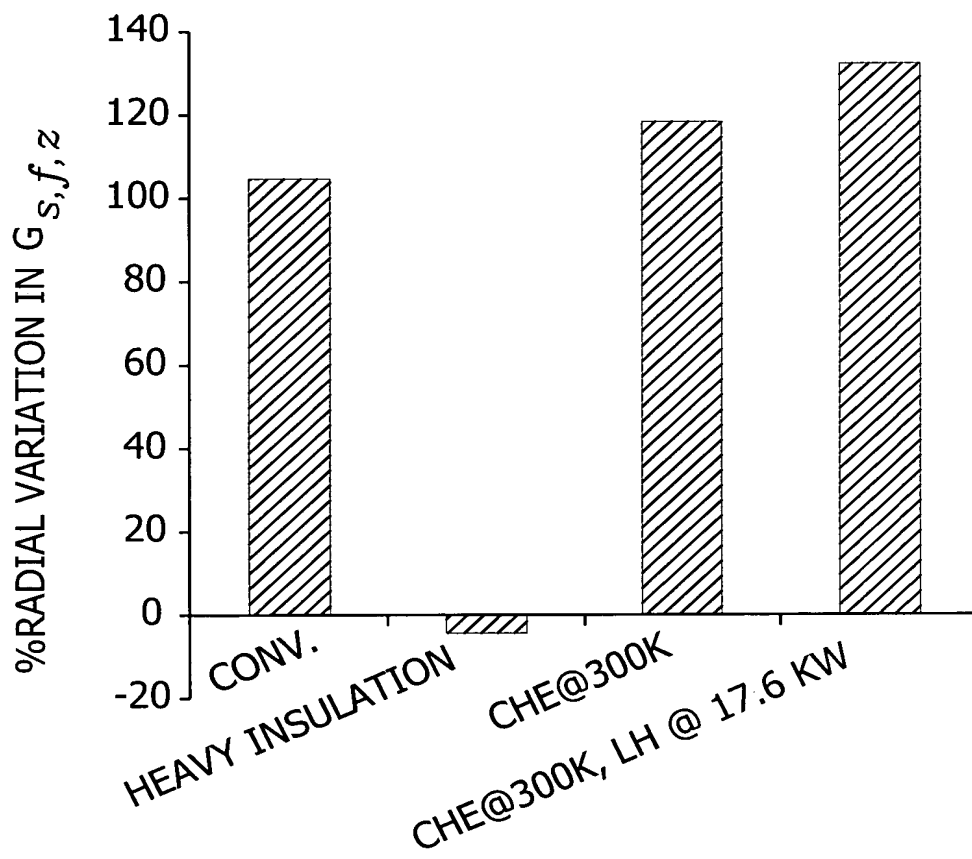


FIG. 26

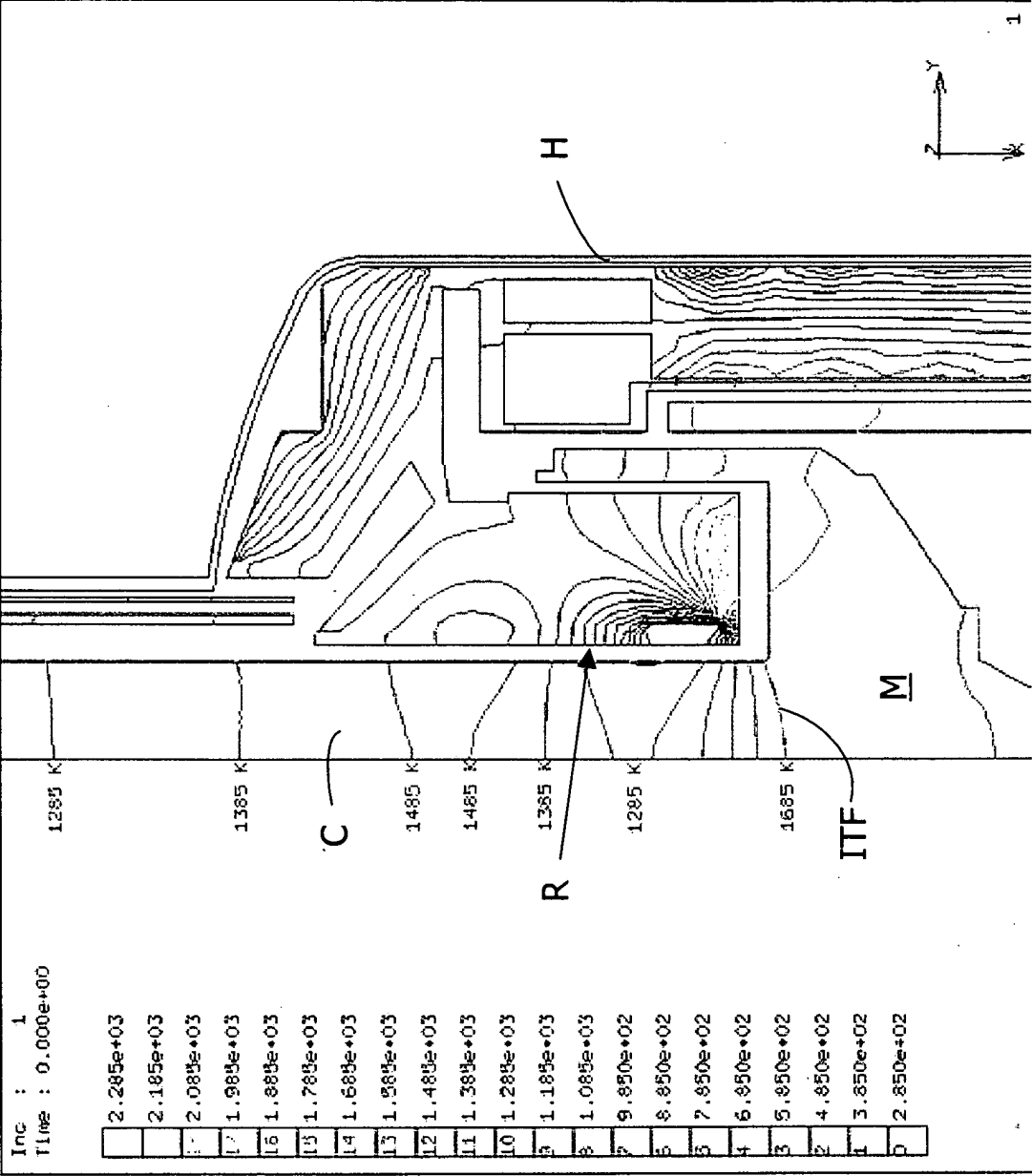


FIG. 27

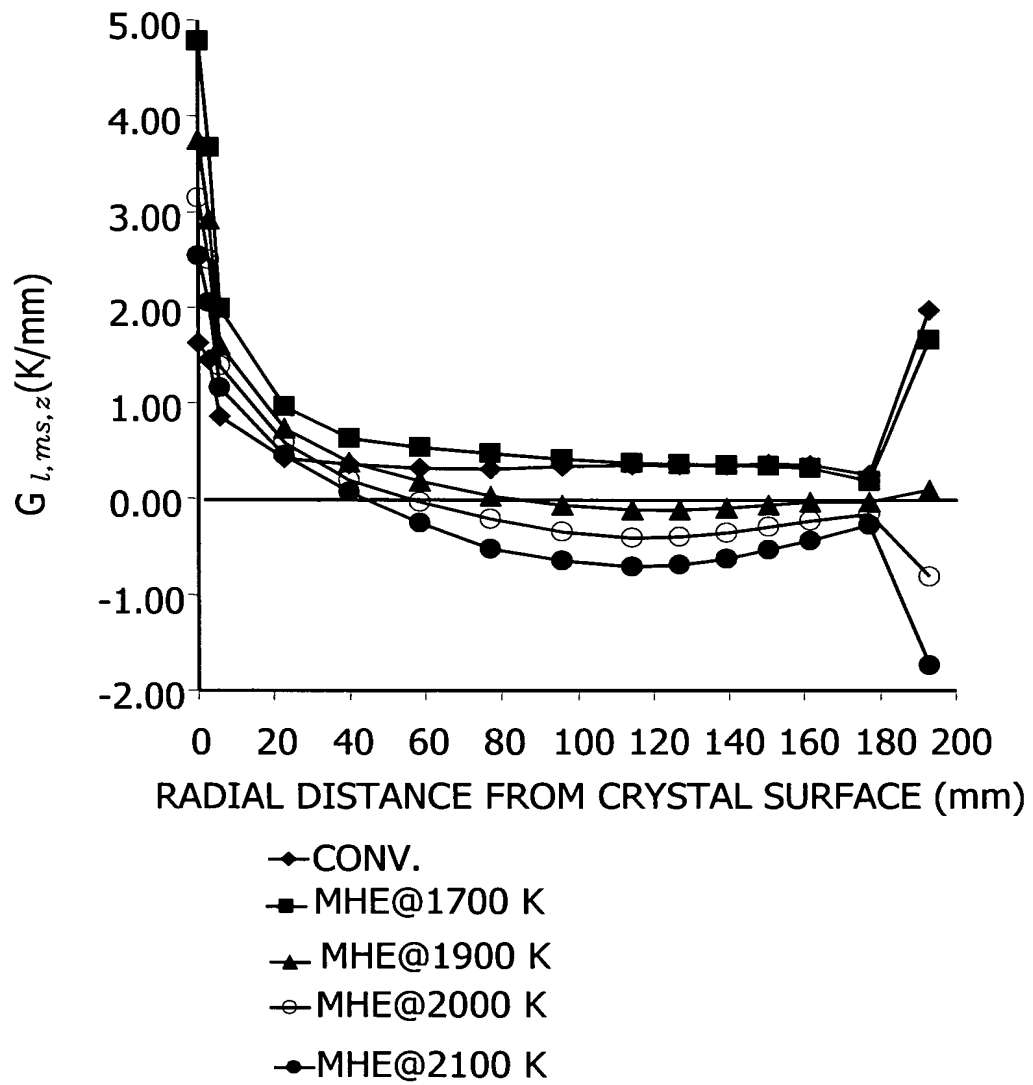


FIG. 28

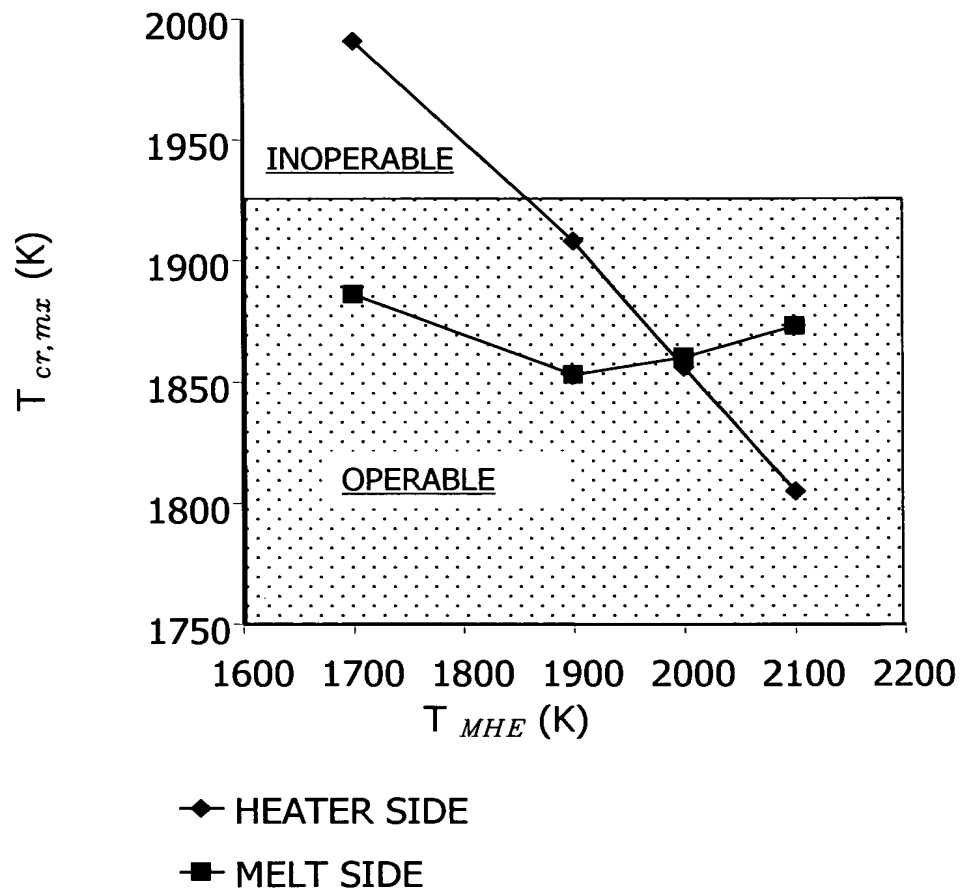


FIG. 29

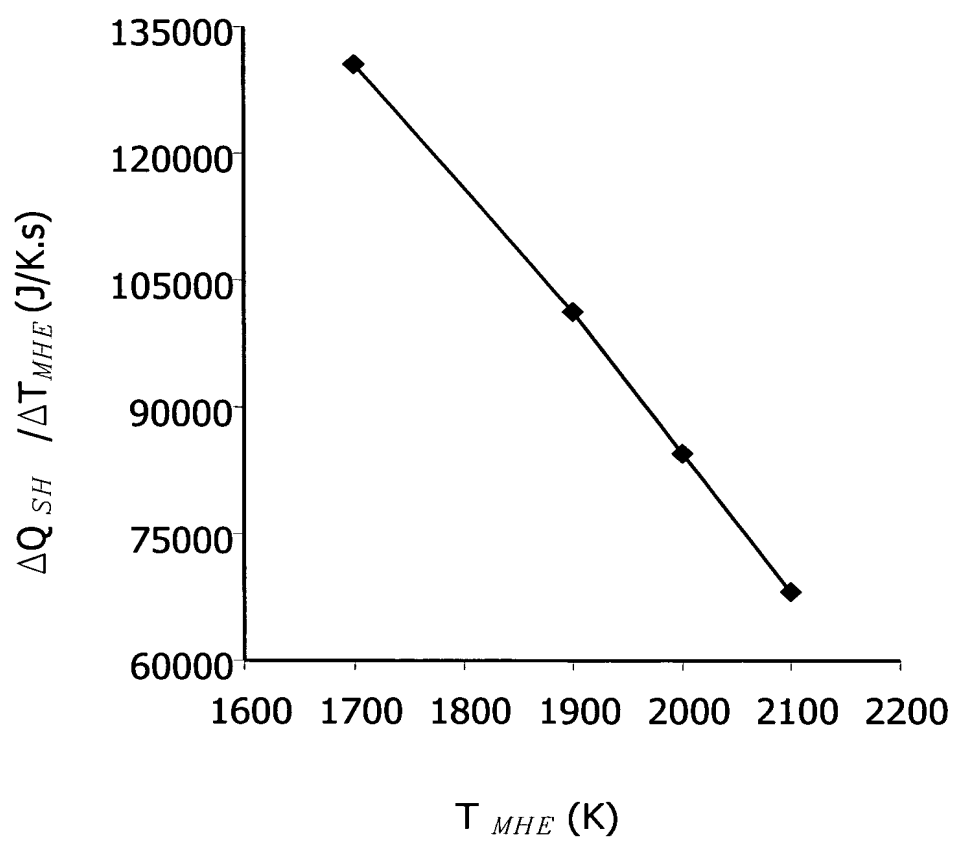


FIG. 30

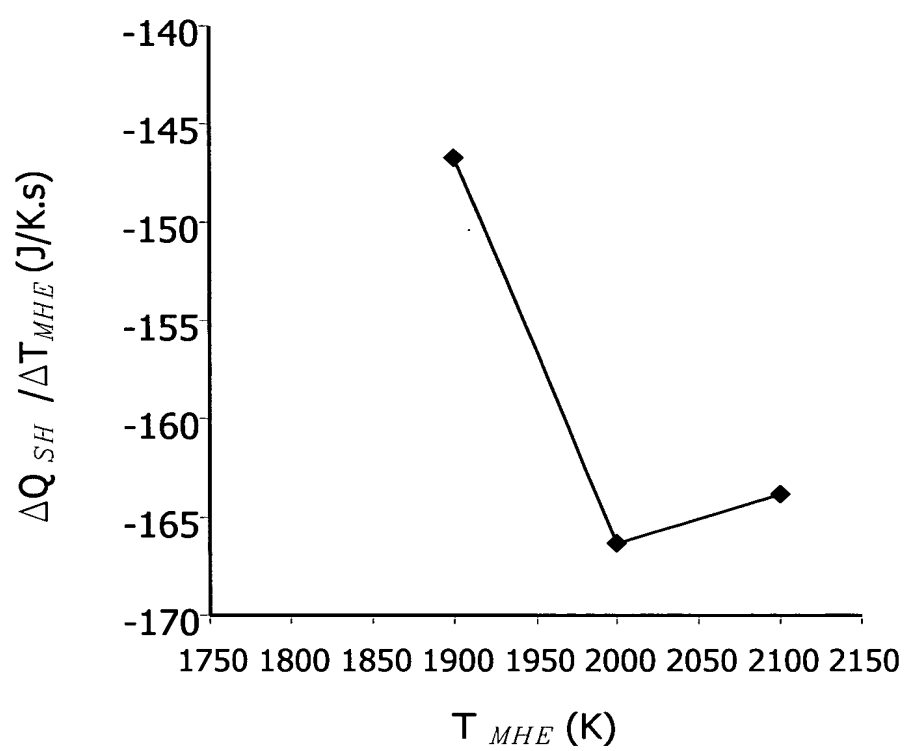


FIG. 31A

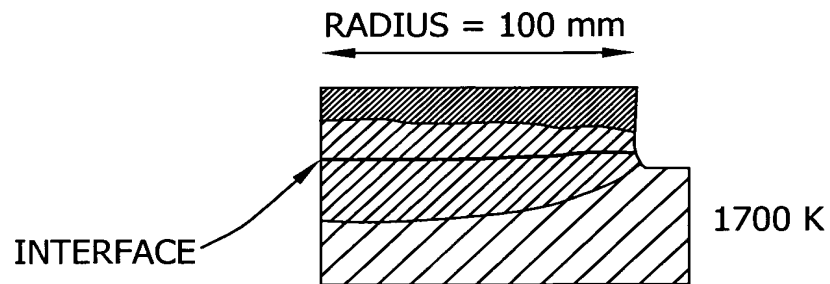


FIG. 31B

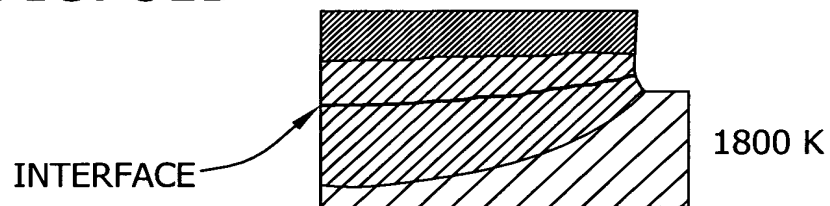


FIG. 31C

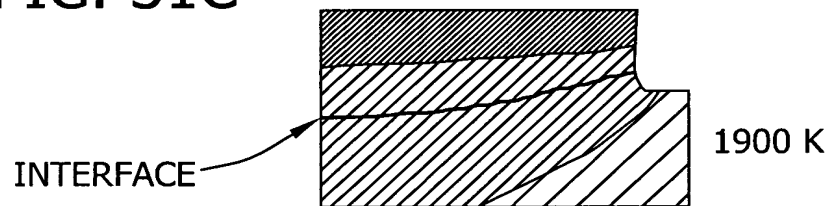


FIG. 31D

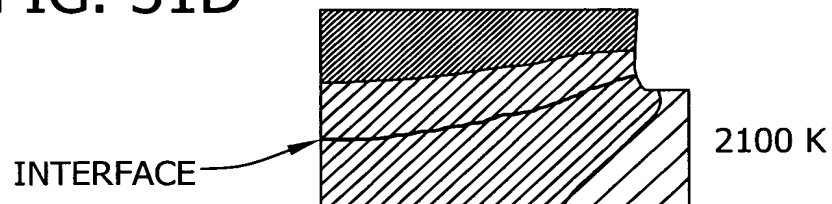


FIG. 32

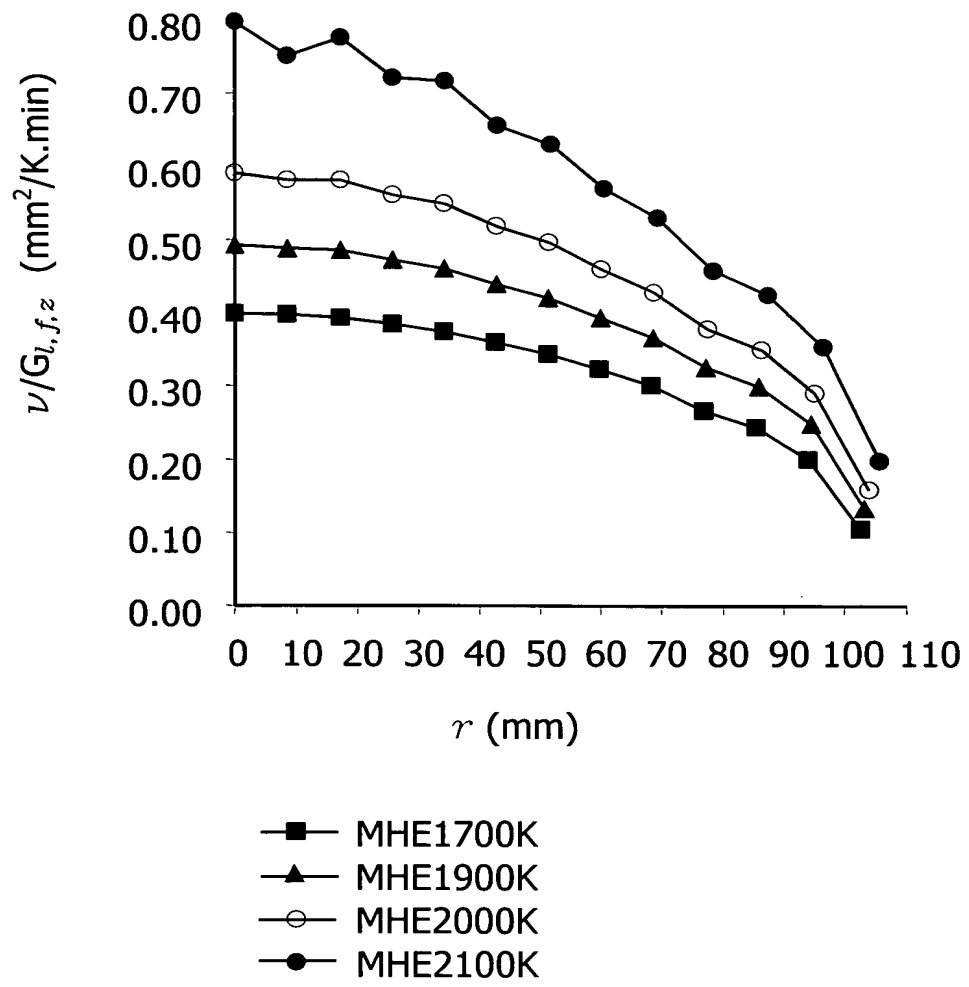
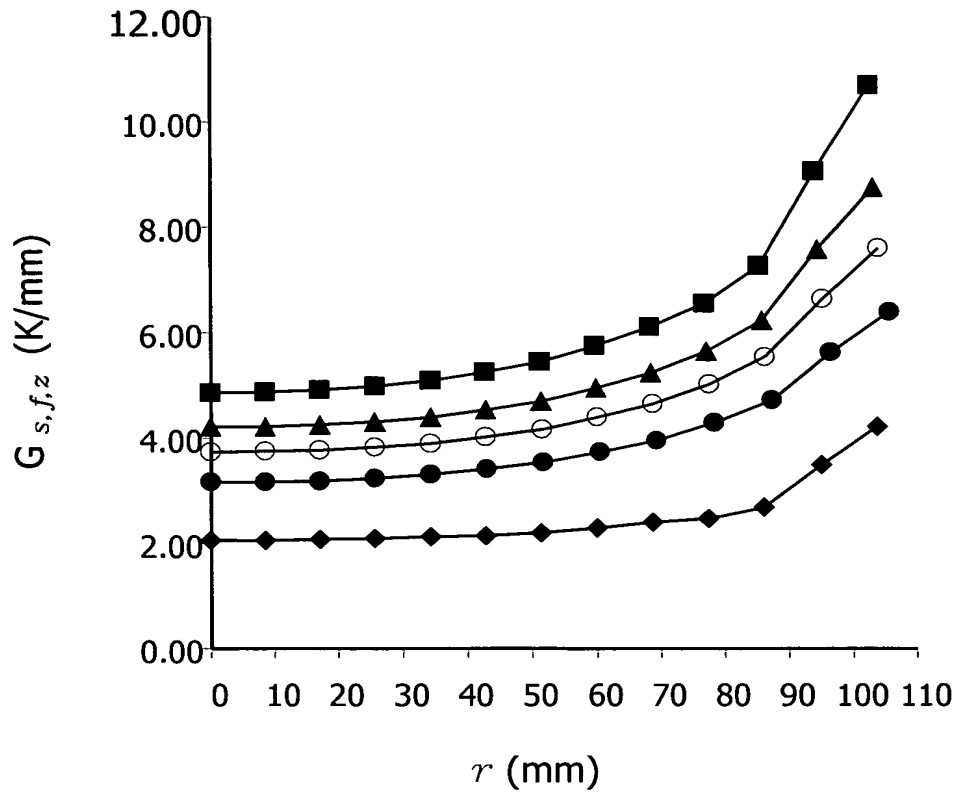


FIG. 33A



- ◆— CONV.
- MHE1700K
- ▲— MHE1900K
- MHE2000K
- MHE2100K

FIG. 33B

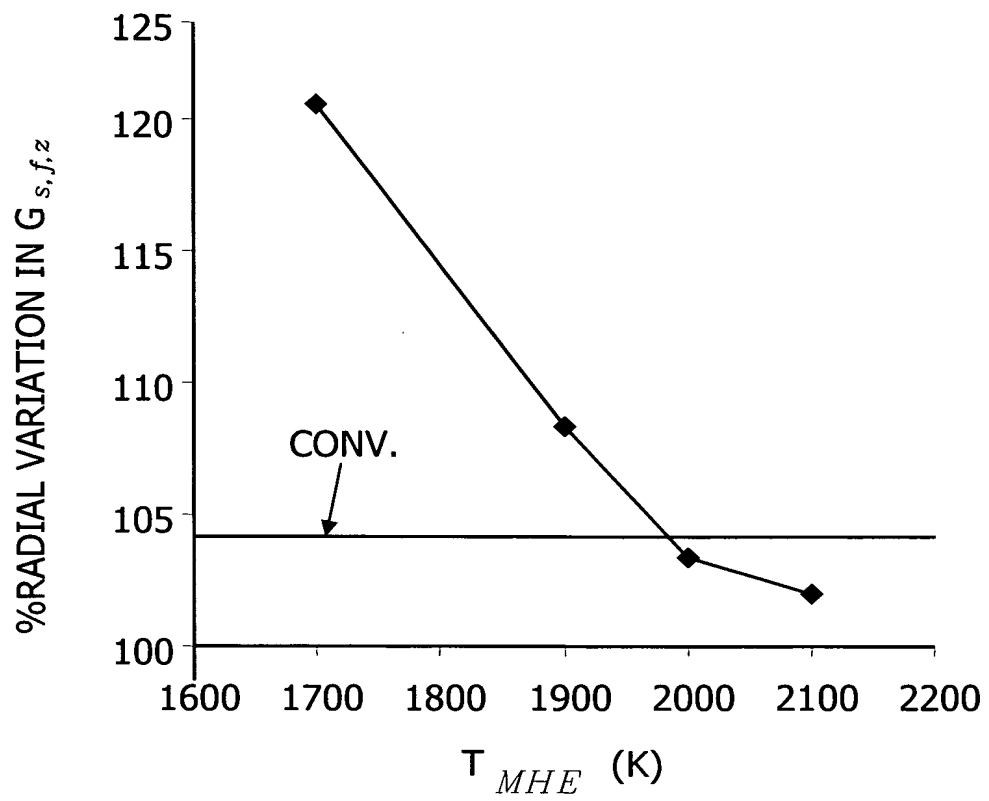
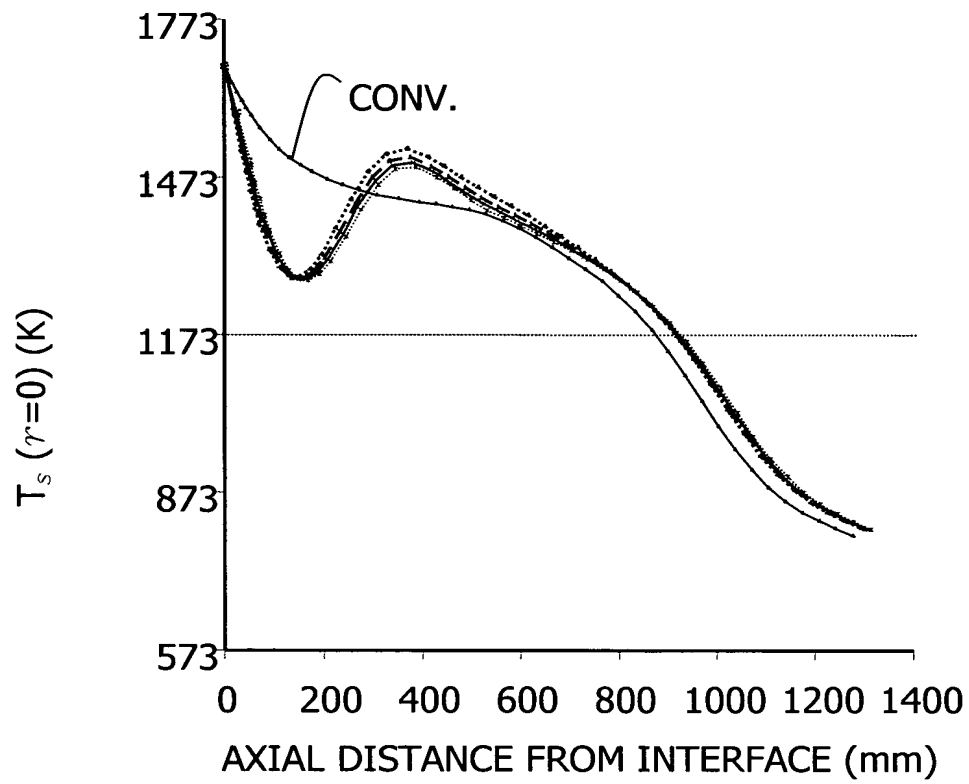


FIG. 33C



— CONV.
..... MHE1700K
---- MHE1900K
— MHE1900K
..... MHE2100K

FIG. 34

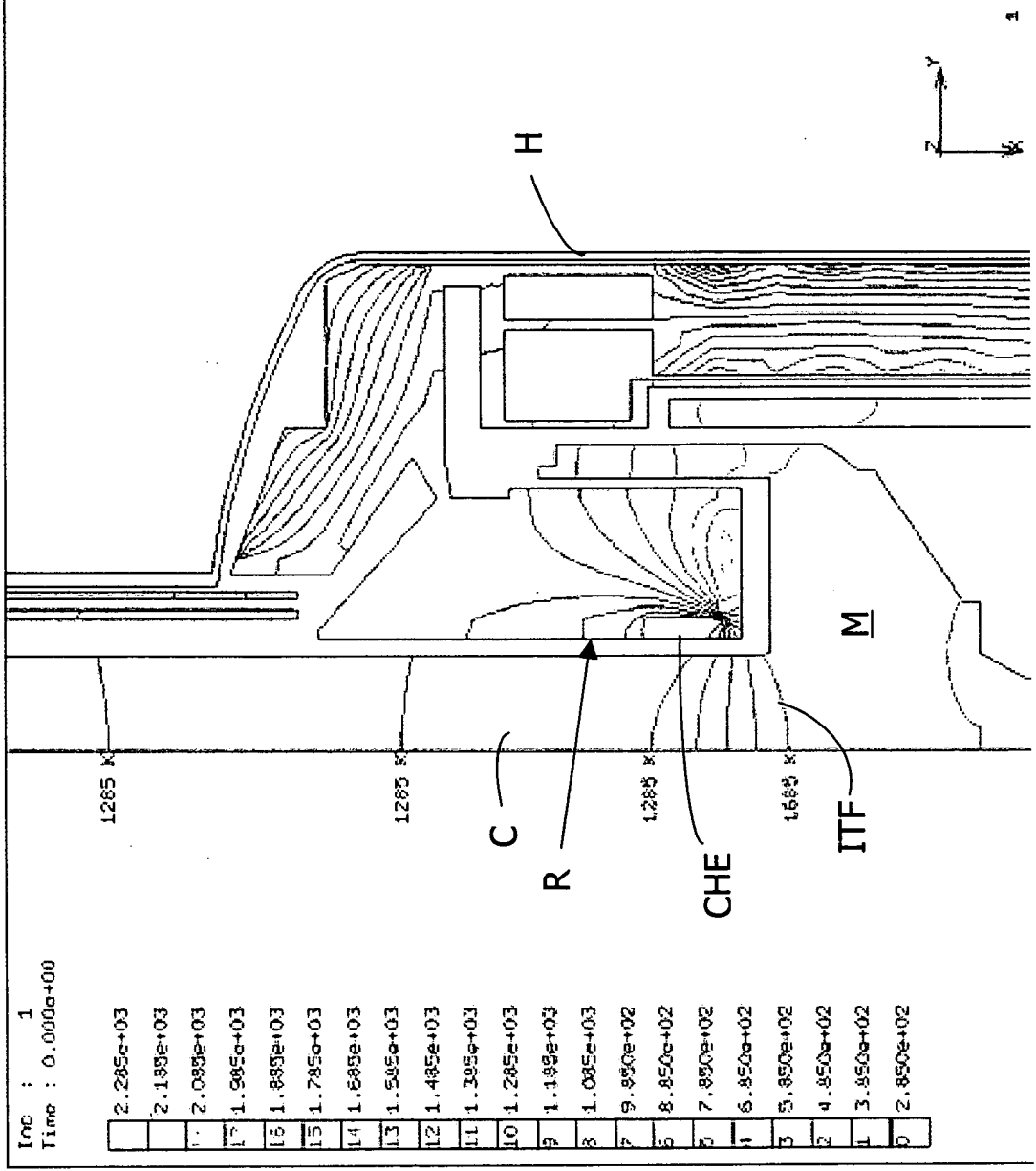
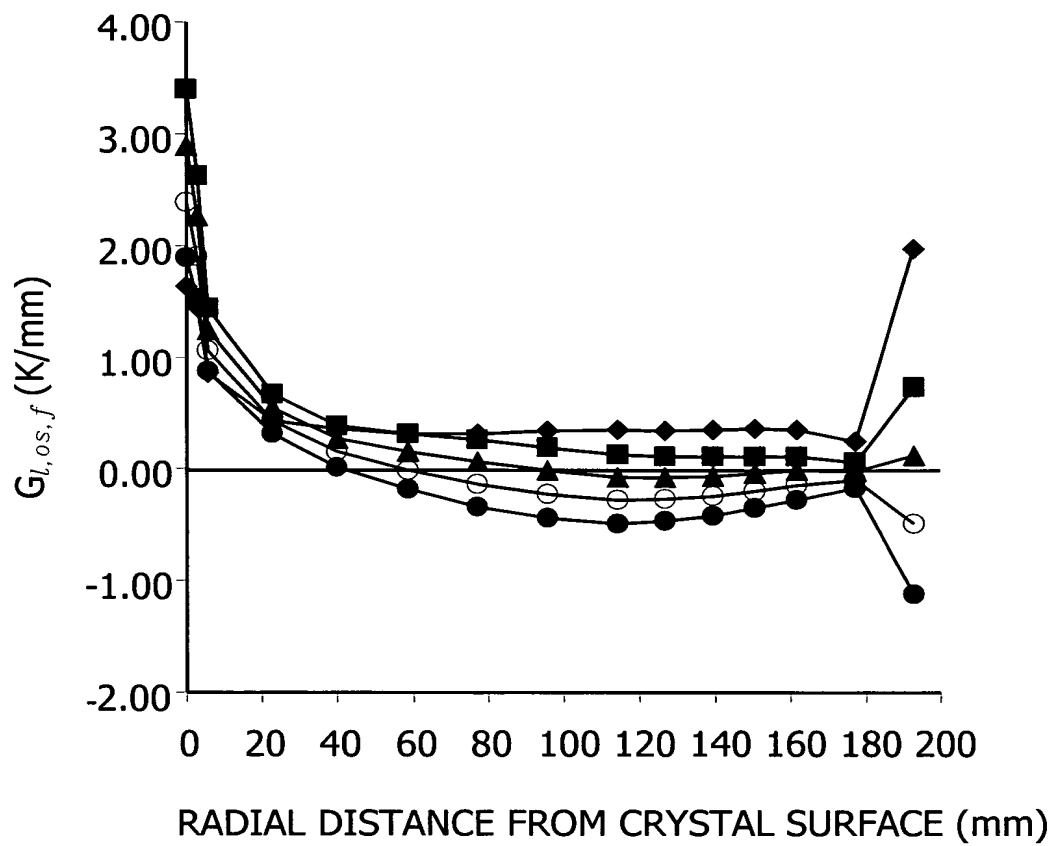


FIG. 35



- ◆ CONV.
- MHE@6.76 KW
- ▲ MHE@13.5 KW
- MHE@20.27 KW
- MHE@27.02 KW

FIG. 36

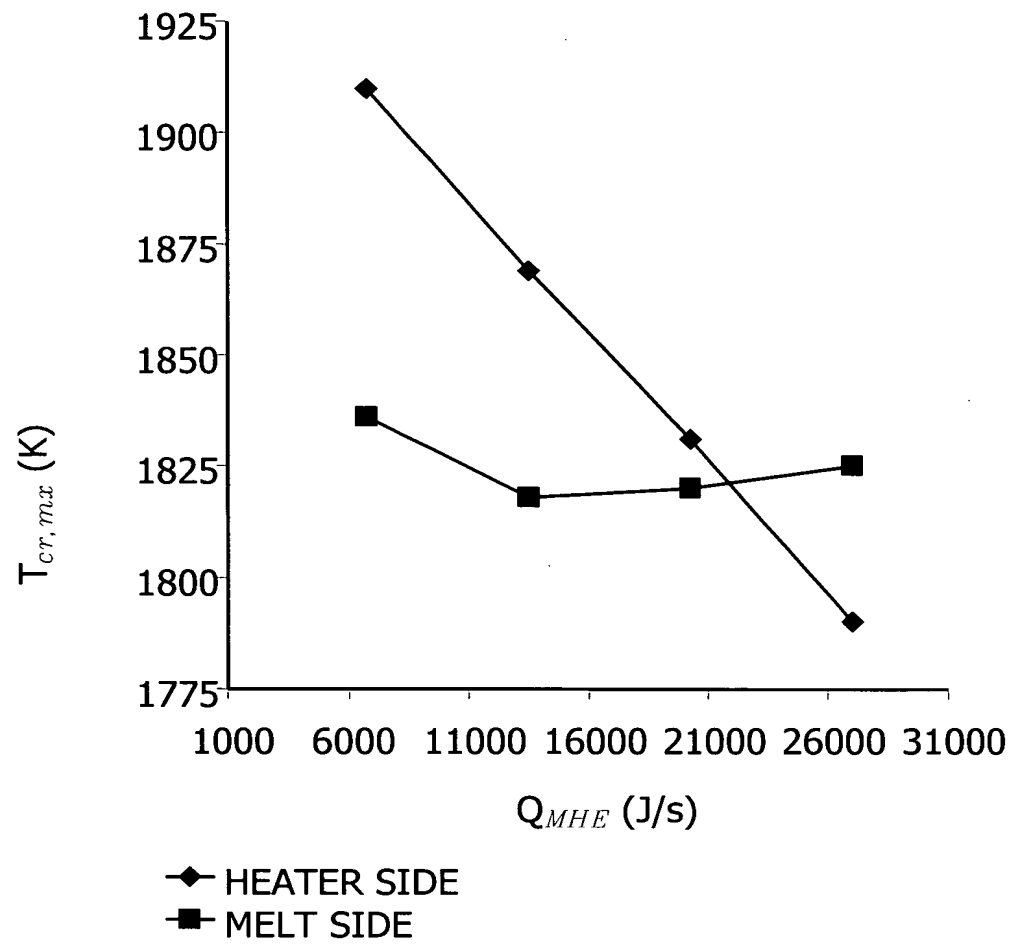


FIG. 37

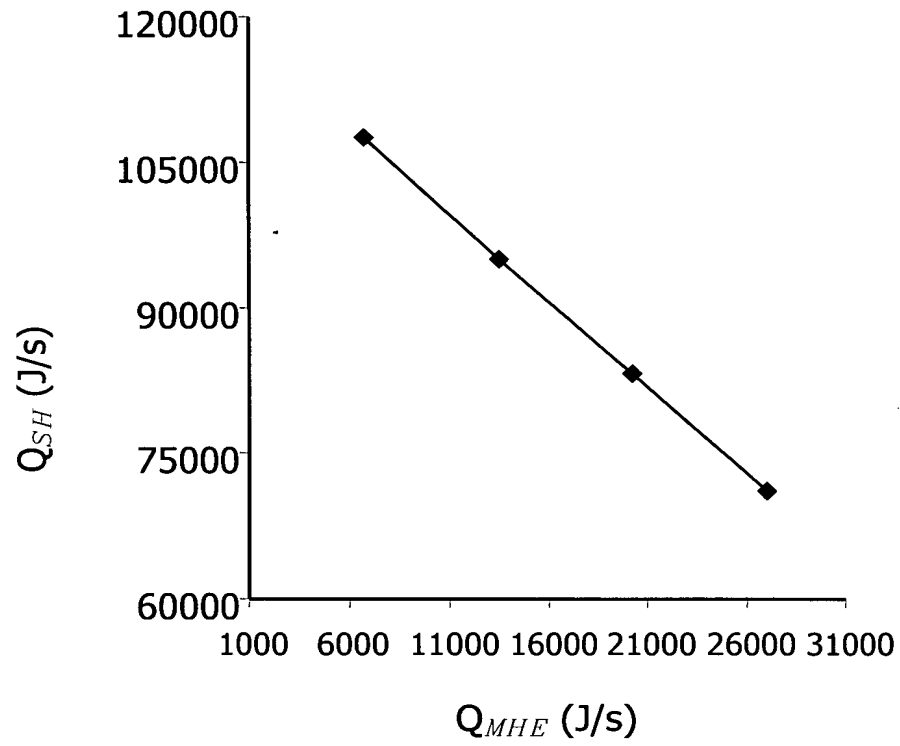


FIG. 38A

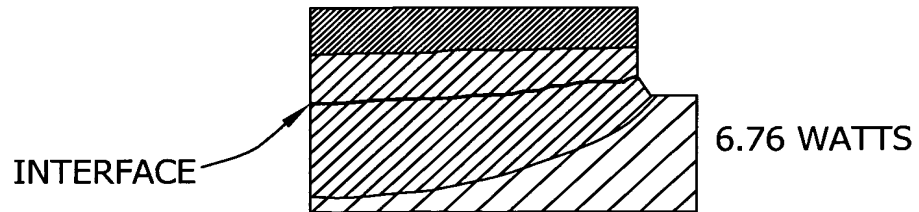


FIG. 38B

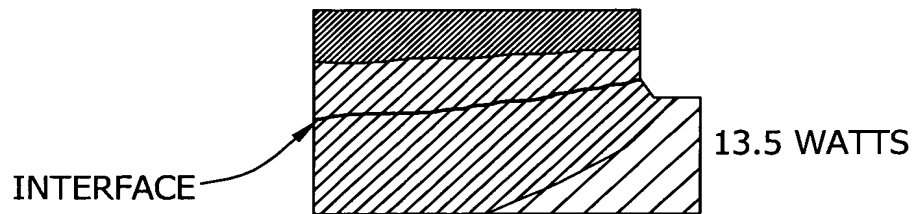


FIG. 38C

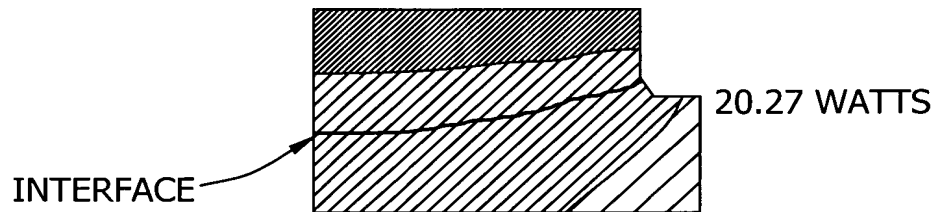


FIG. 38D

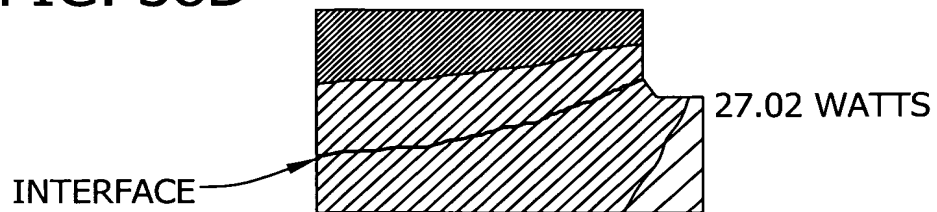
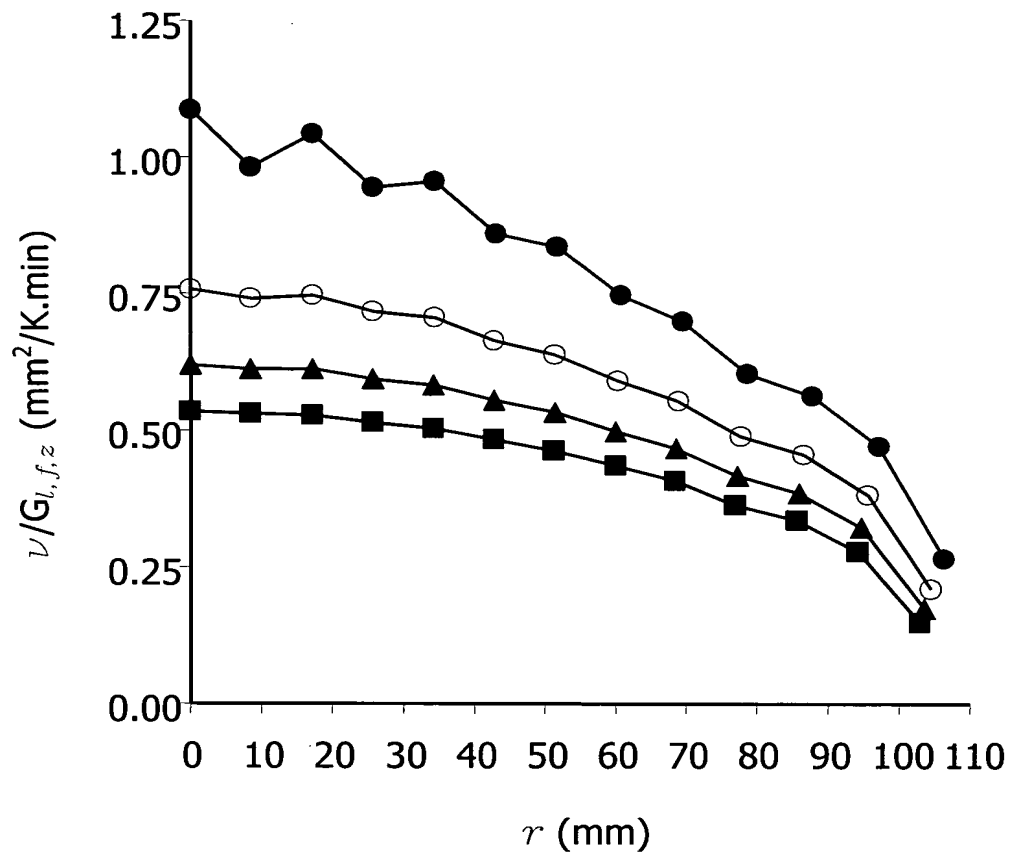


FIG. 39



- MHE@6.76 KW
- ▲ MHE@13.5 KW
- MHE@20.27 KW
- MHE@27.02 KW

FIG. 40A

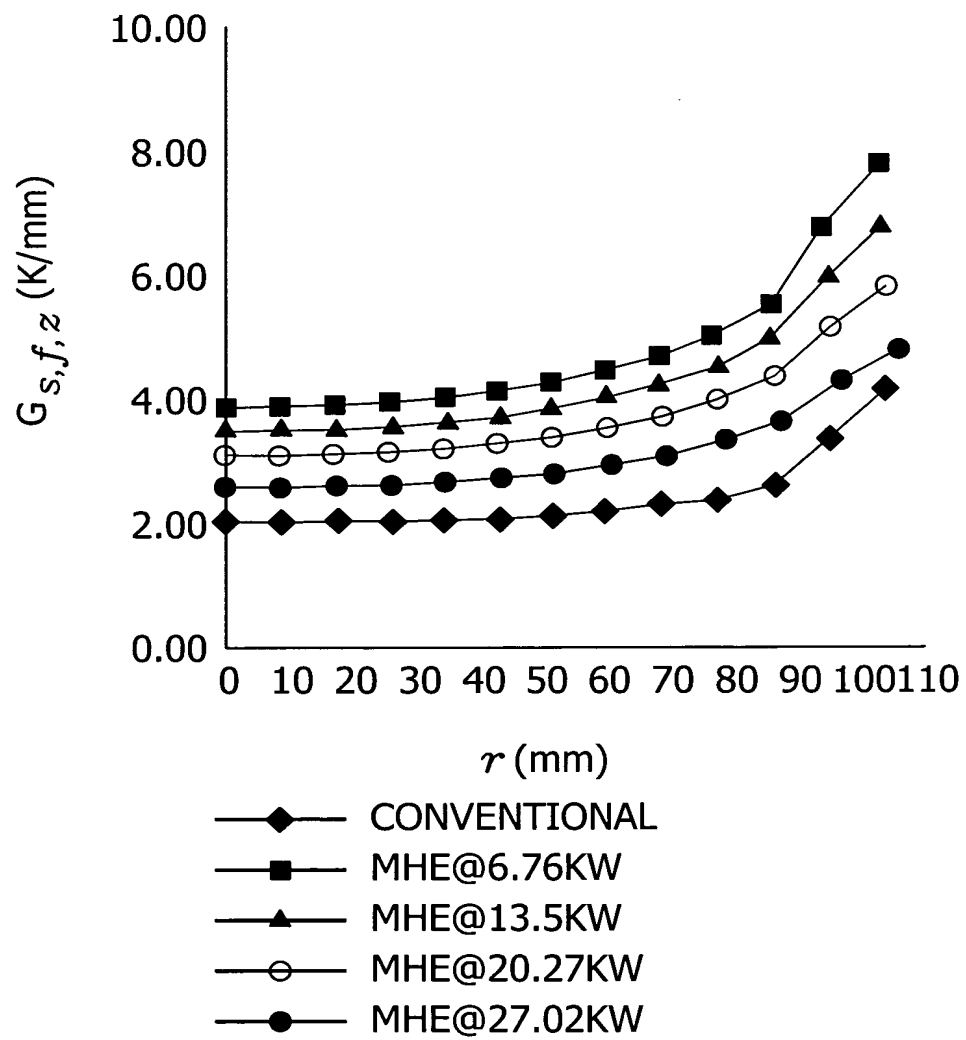


FIG. 40B

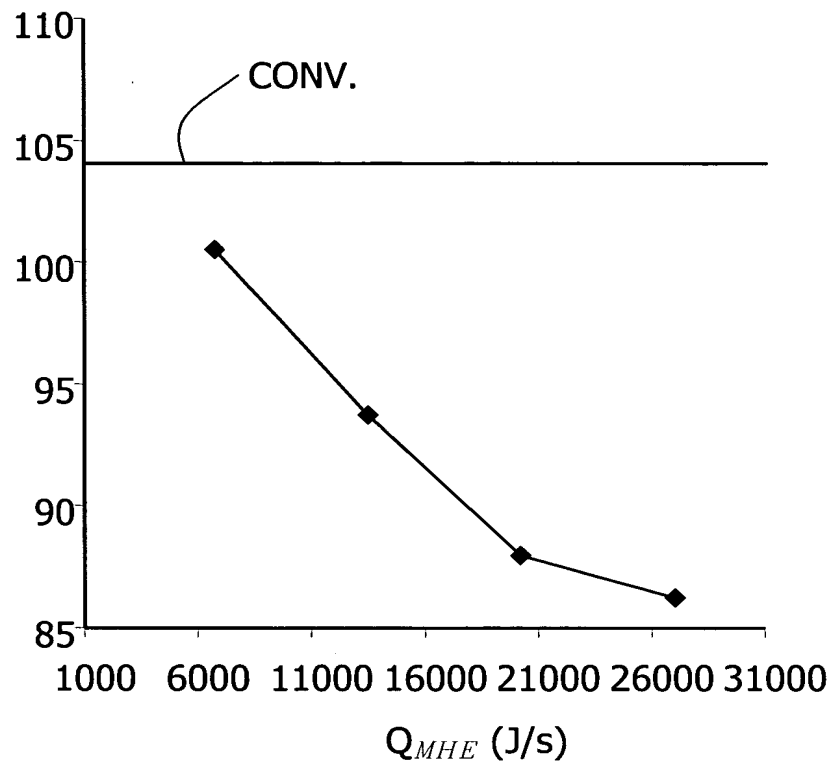


FIG. 40C

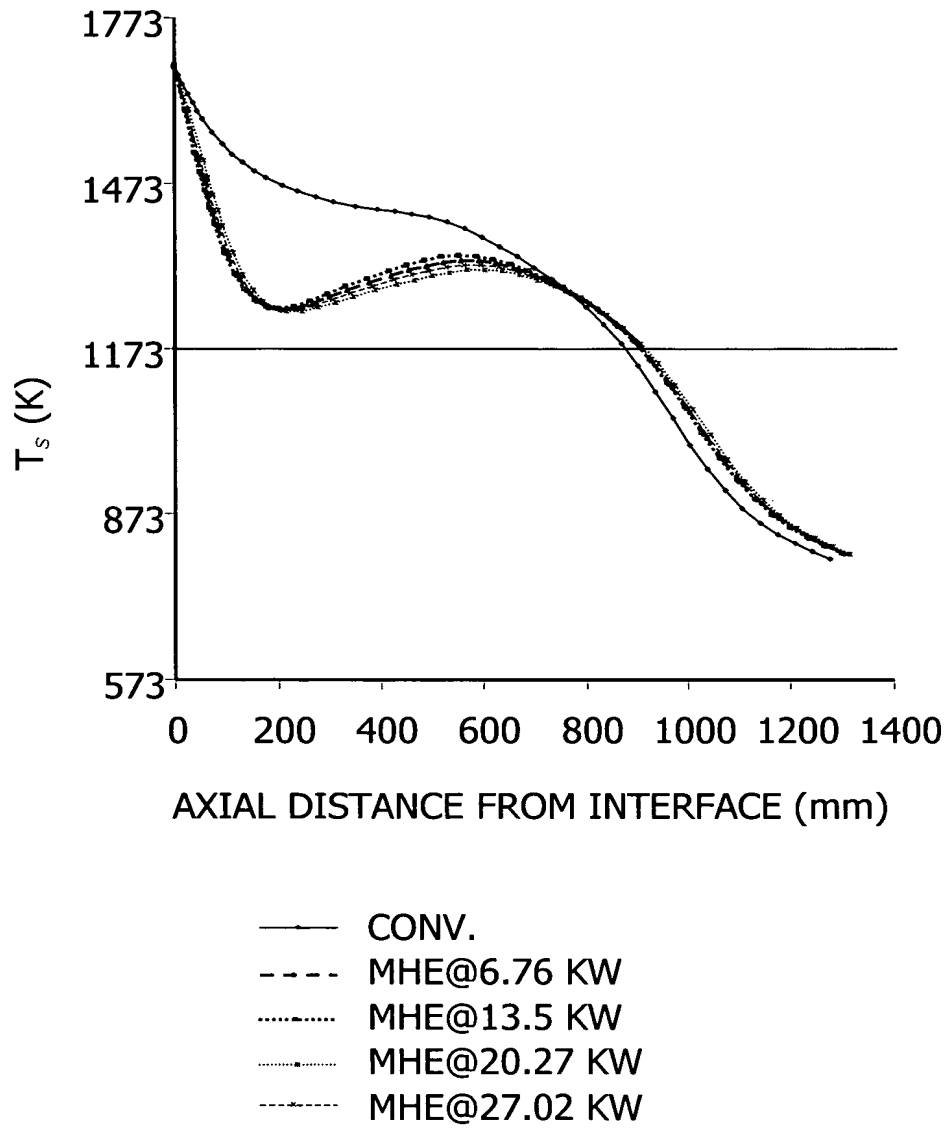
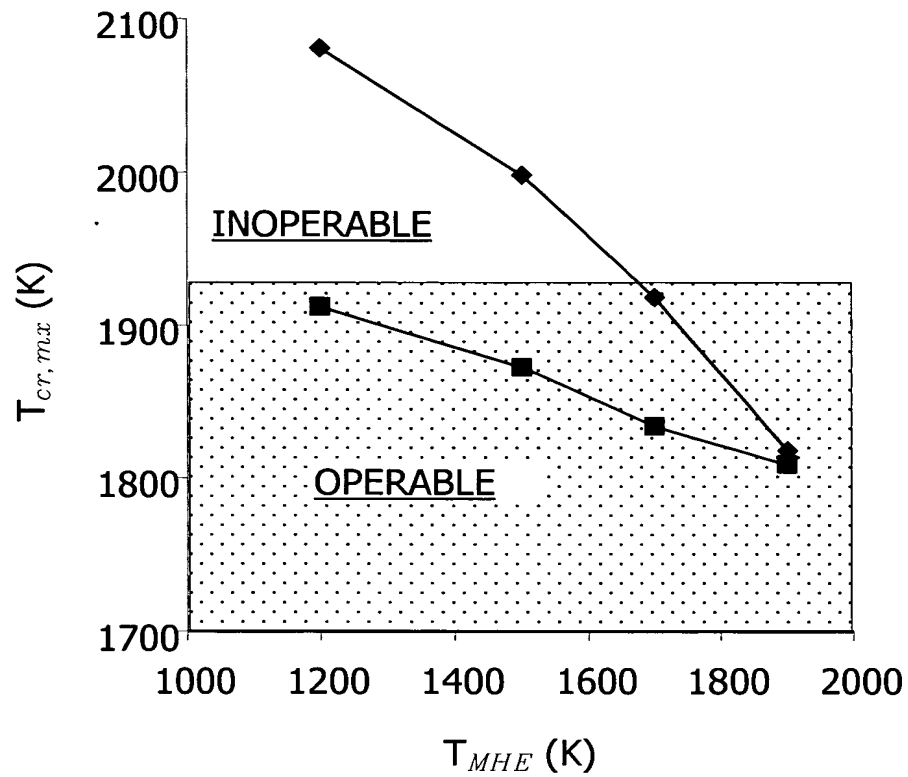


FIG. 41



◆ HEATER SIDE
■ MELT SIDE

FIG. 42A

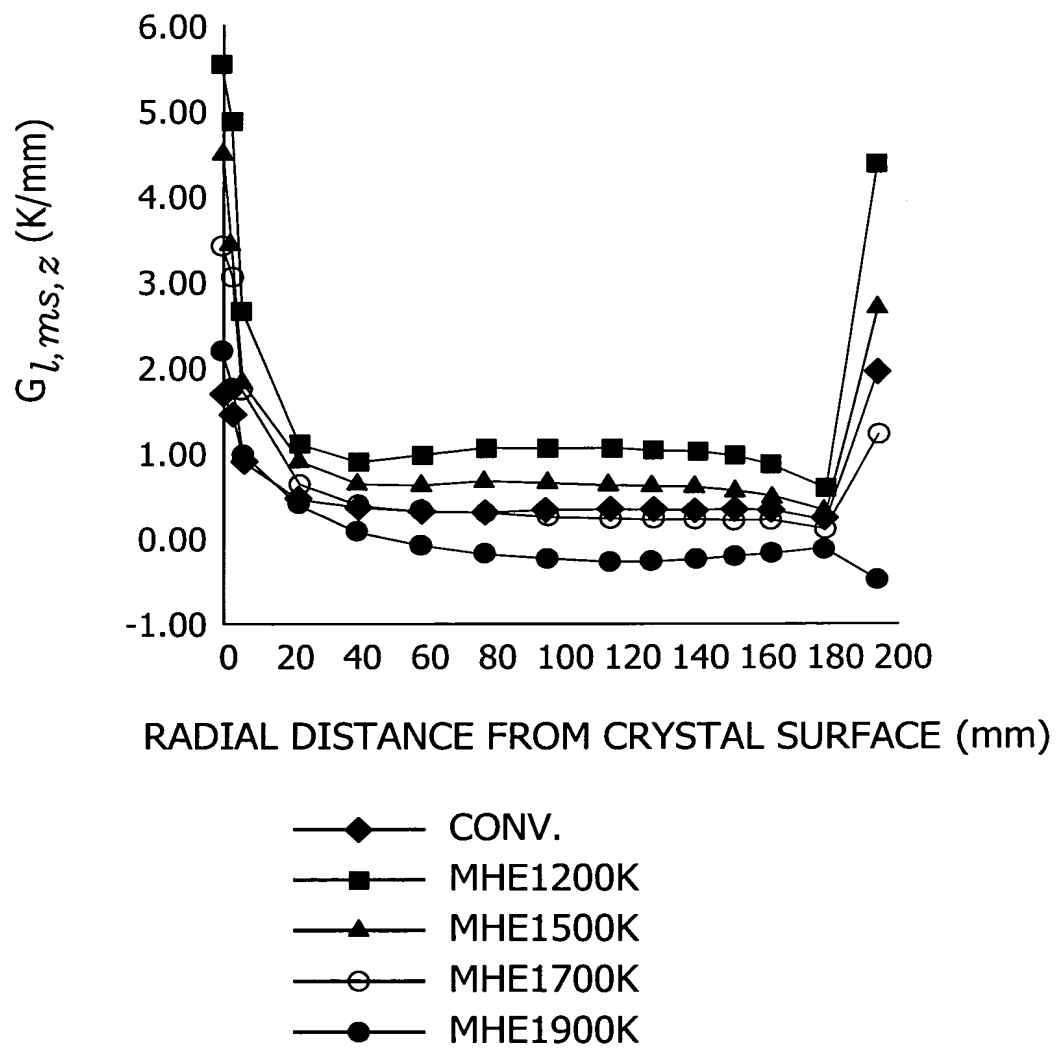


FIG. 42B

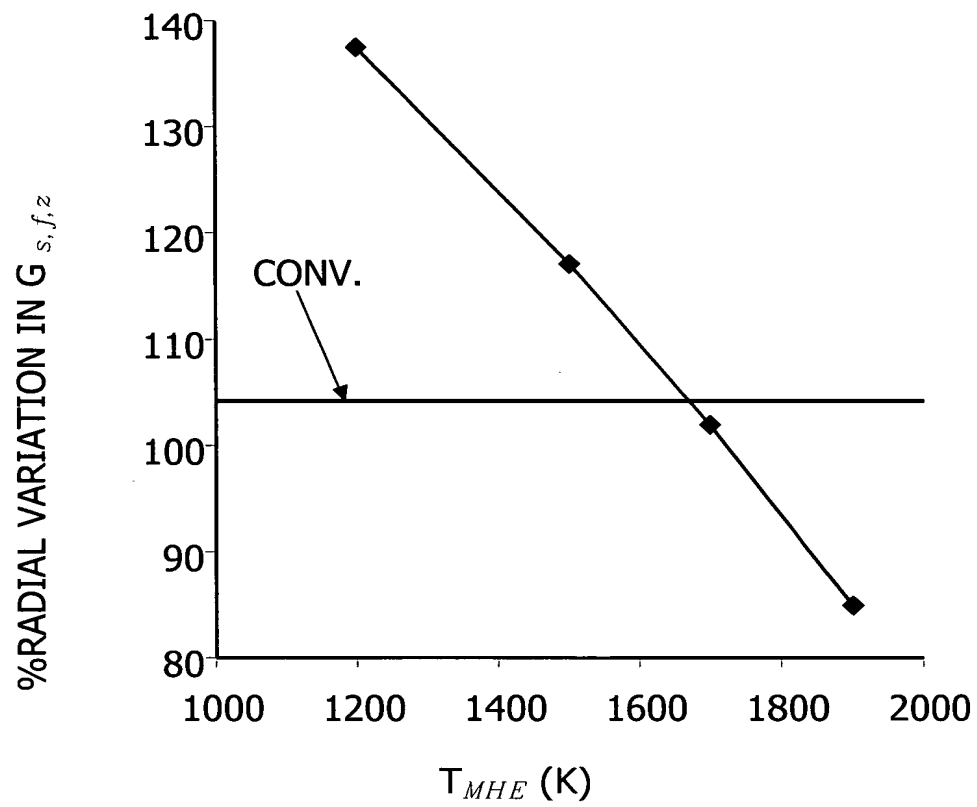


FIG. 42C

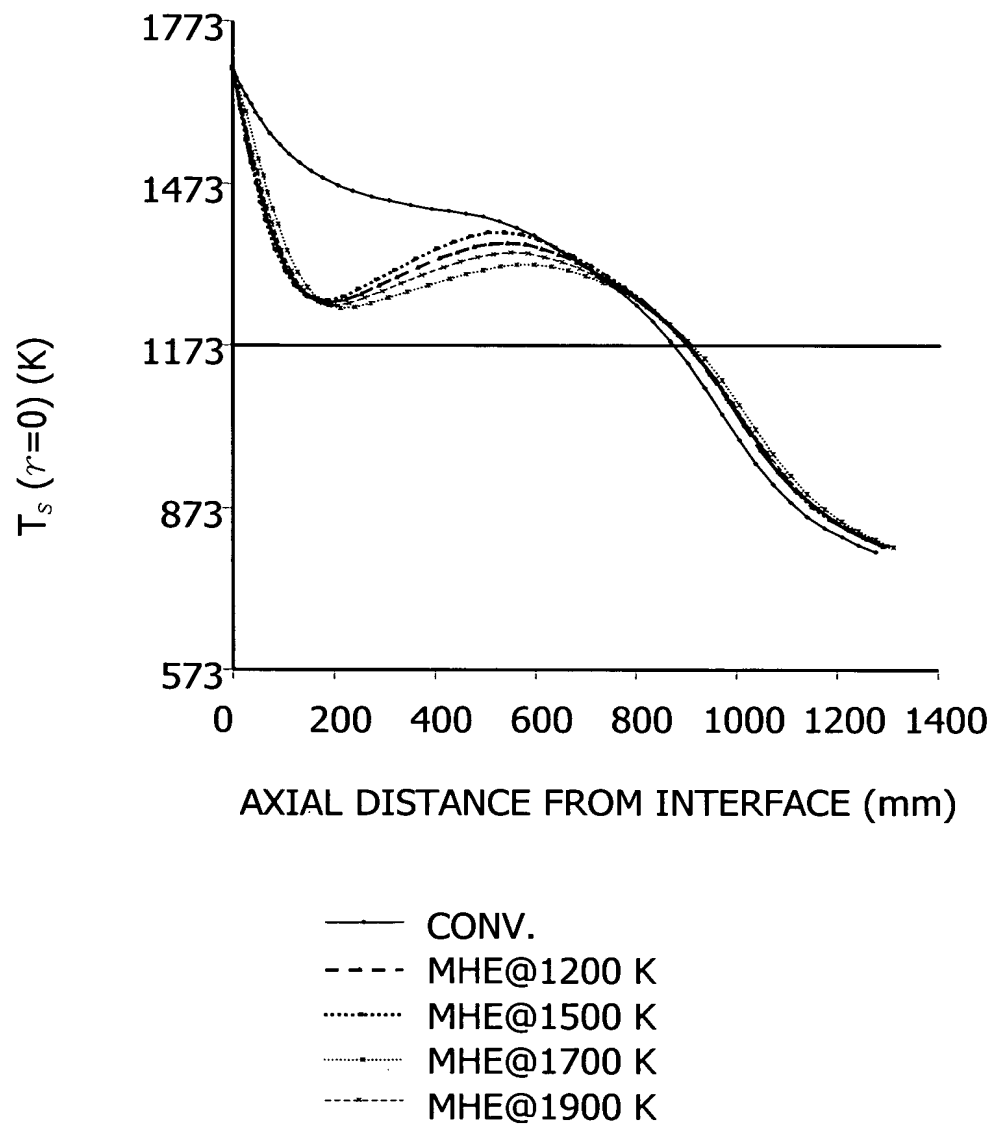


FIG. 43

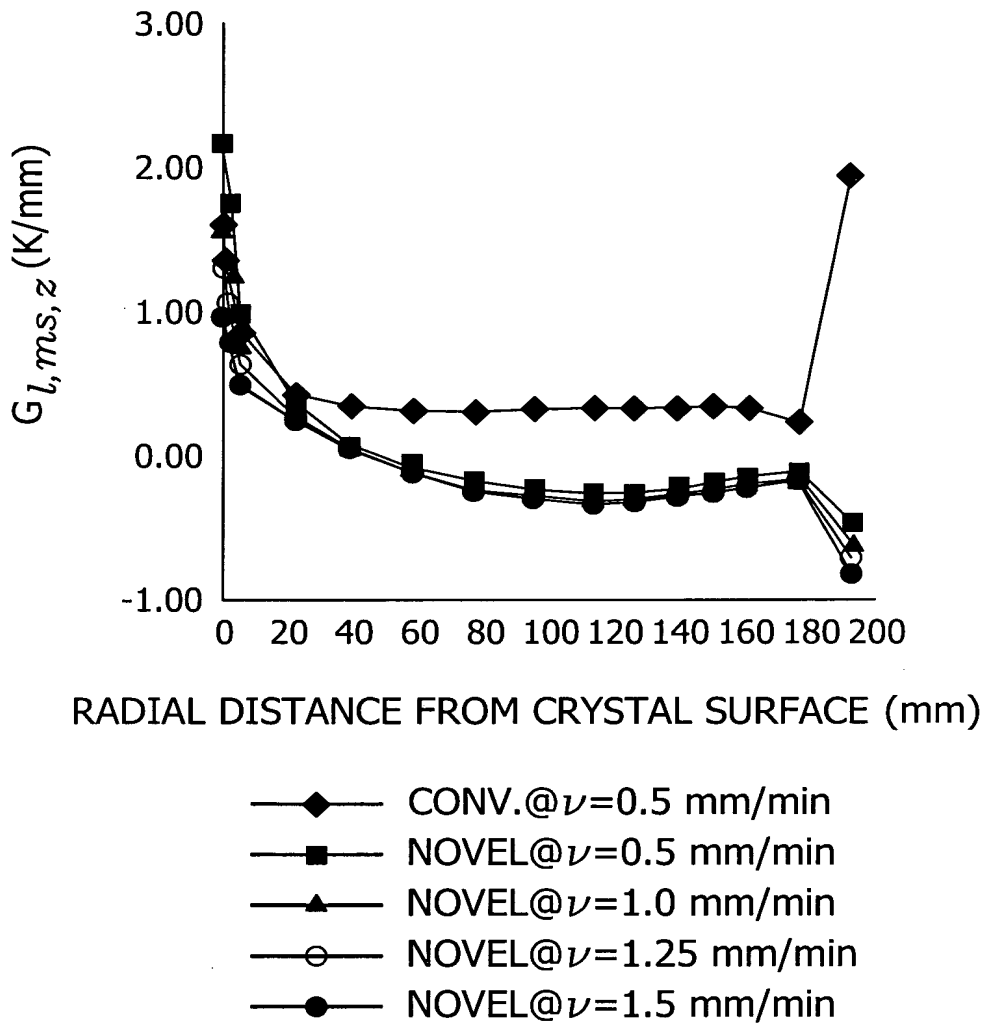


FIG. 44

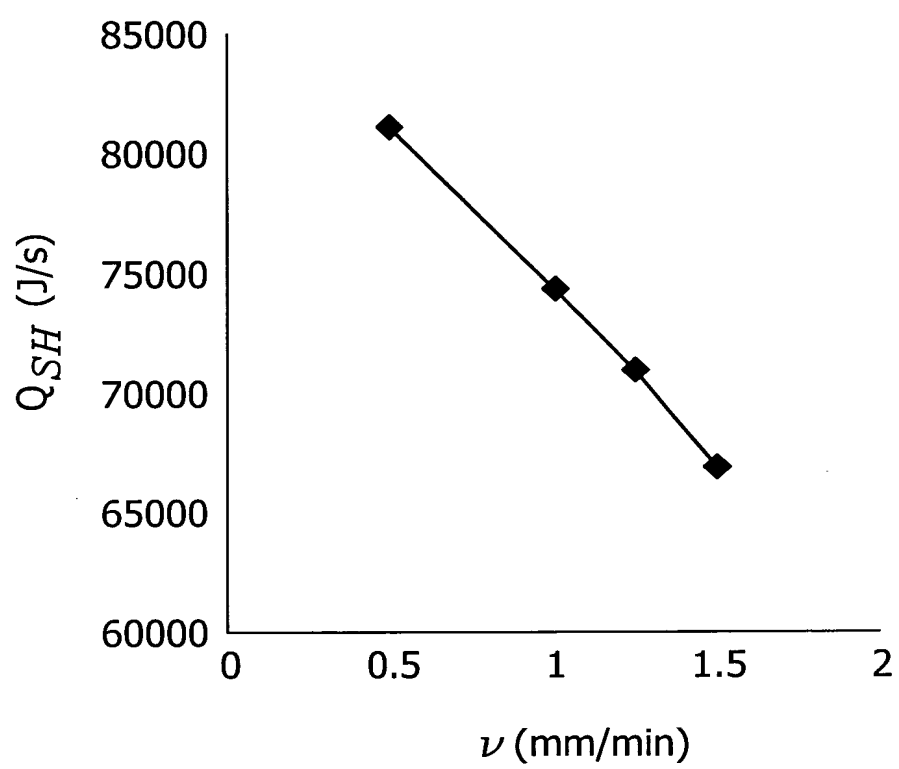


FIG. 45

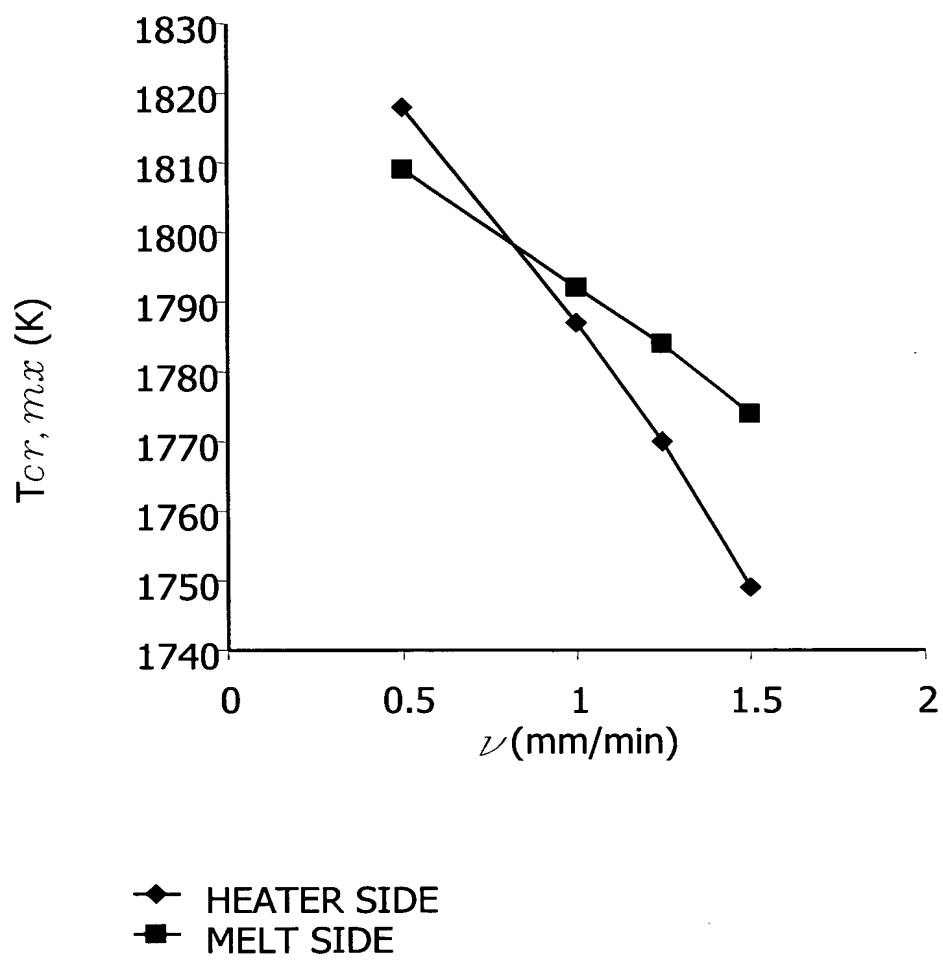


FIG. 46

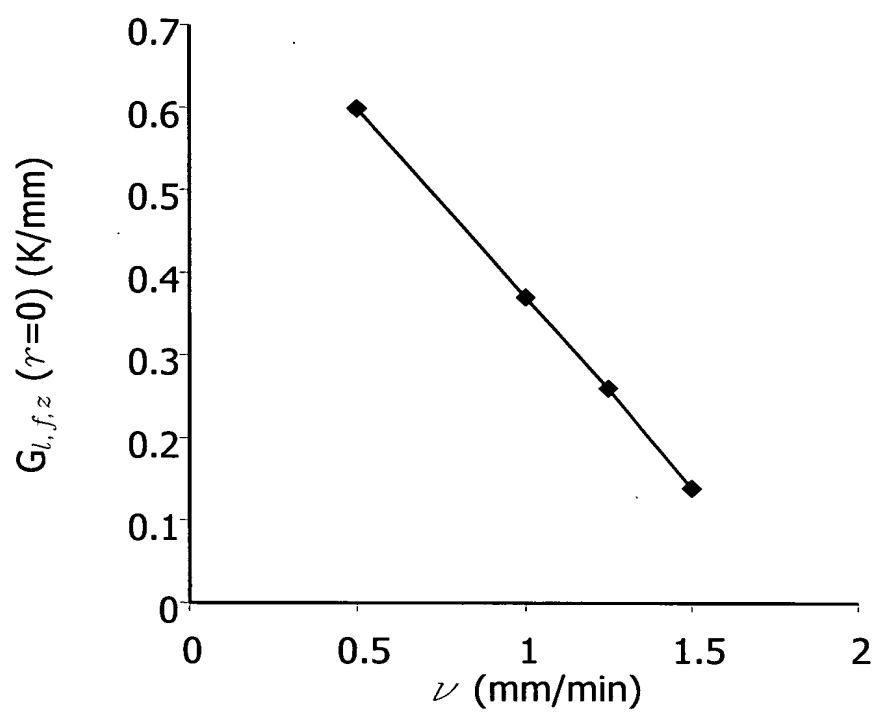
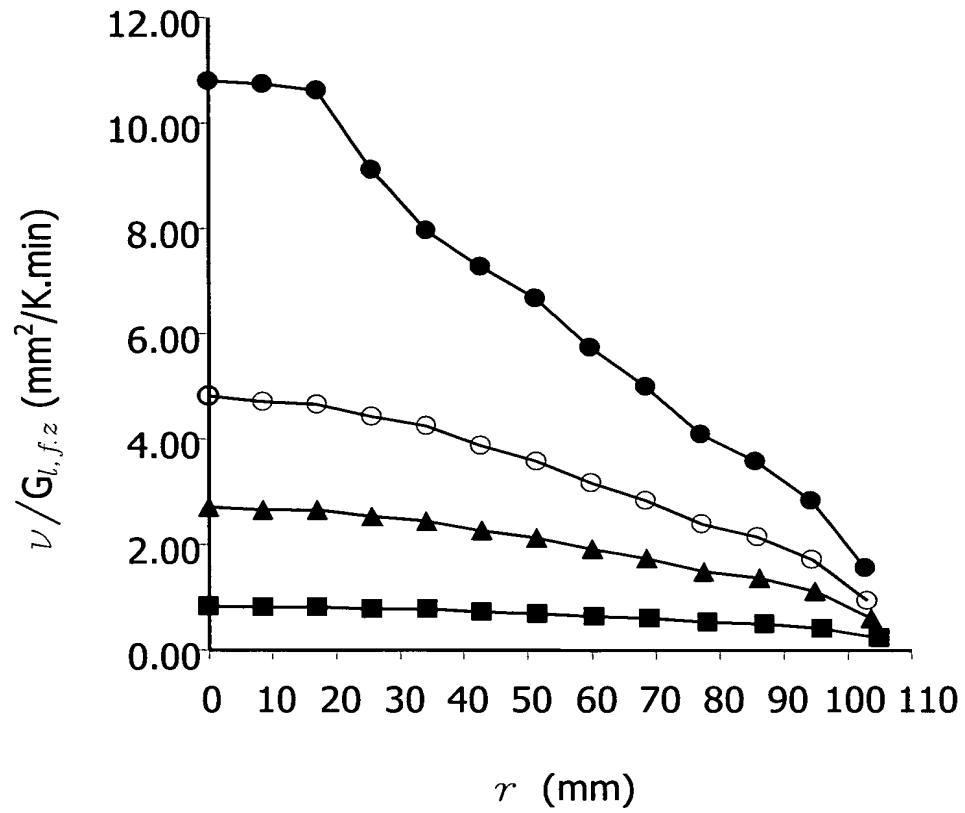
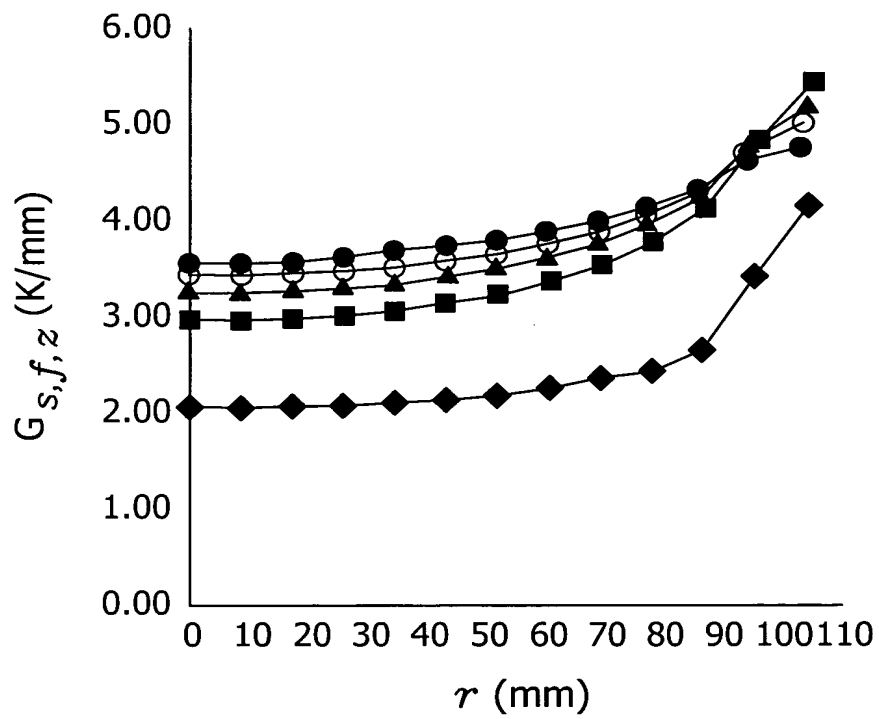


FIG. 47



- $v=0.5$ mm/min
- ▲ $v=1.0$ mm/min
- $v=1.25$ mm/min
- $v=1.5$ mm/min

FIG. 48



- ◆— CONV.@ $\nu=0.5$ mm/min
- NOVEL@ $\nu=0.5$ mm/min
- ▲— NOVEL@ $\nu=1.0$ mm/min
- NOVEL@ $\nu=1.25$ mm/min
- NOVEL@ $\nu=1.5$ mm/min

FIG. 49

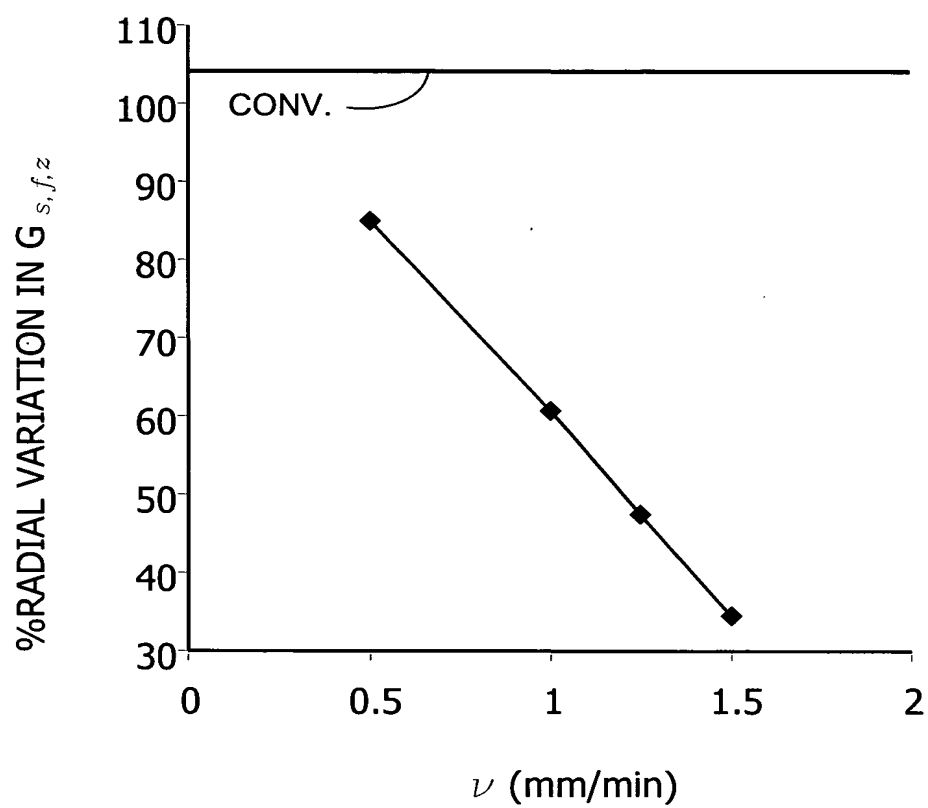


FIG. 50

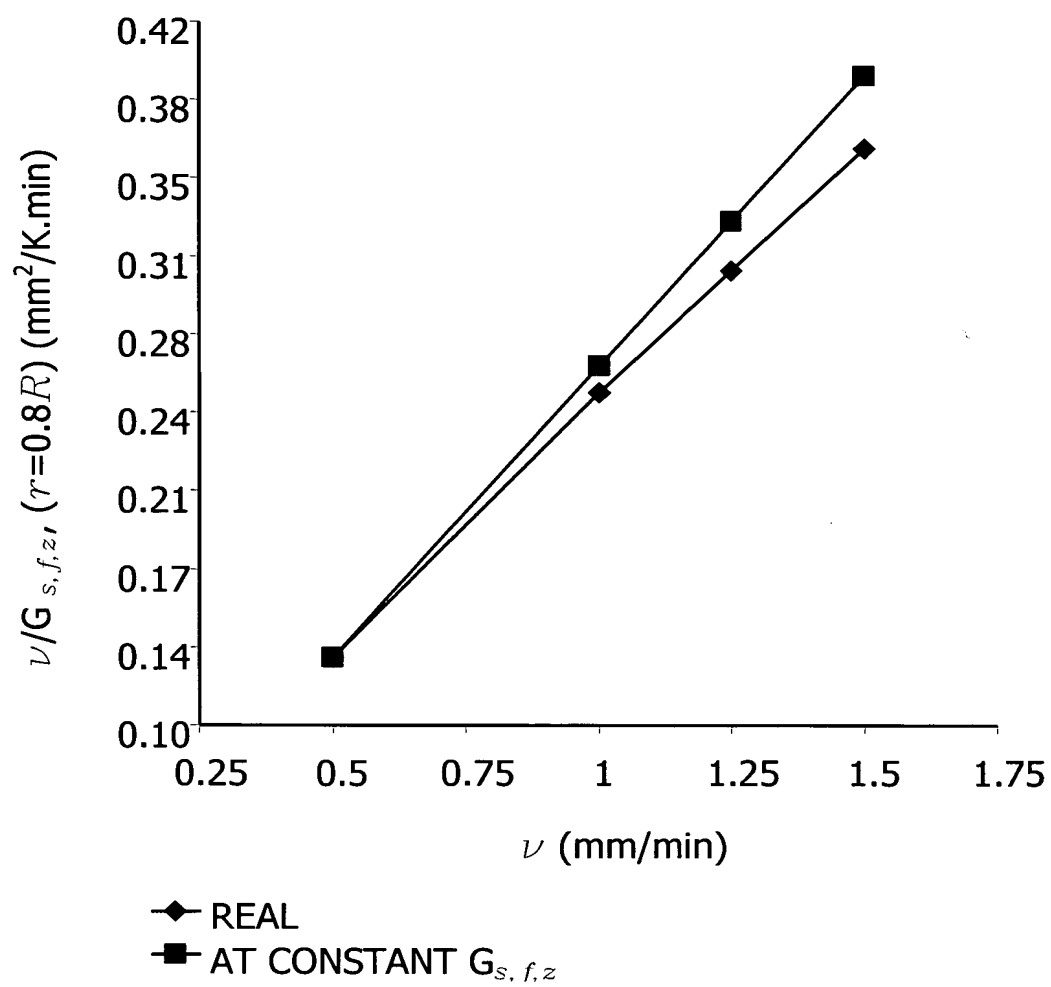


FIG. 51

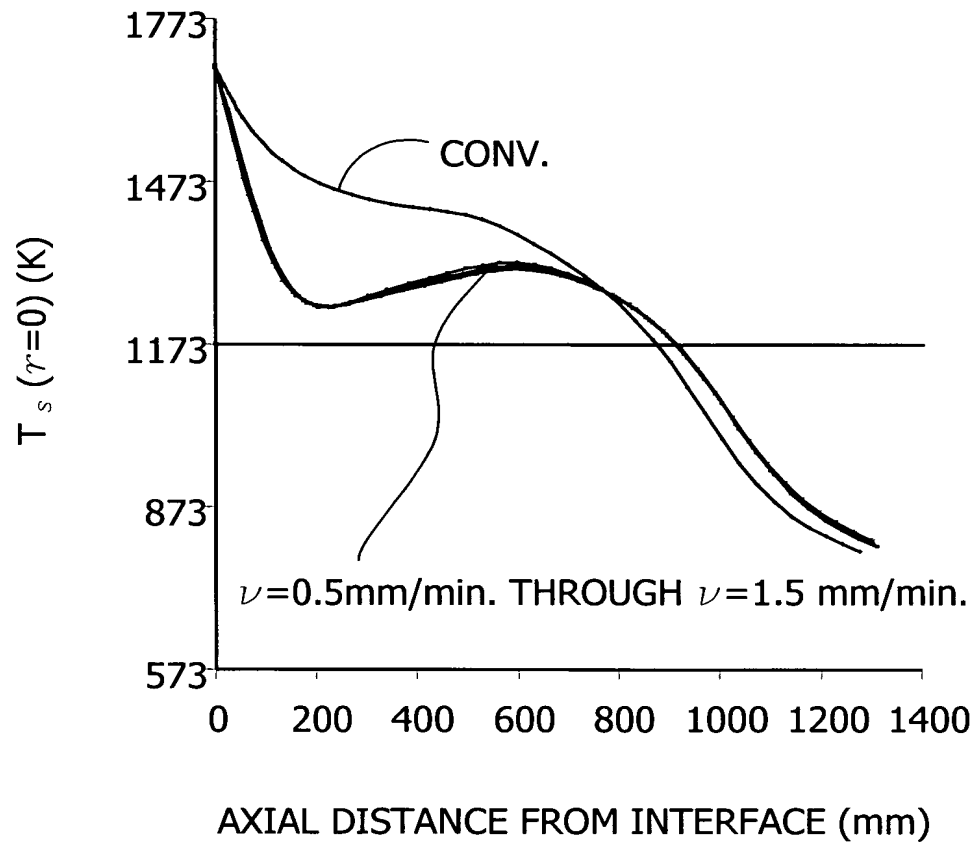


FIG. 52A

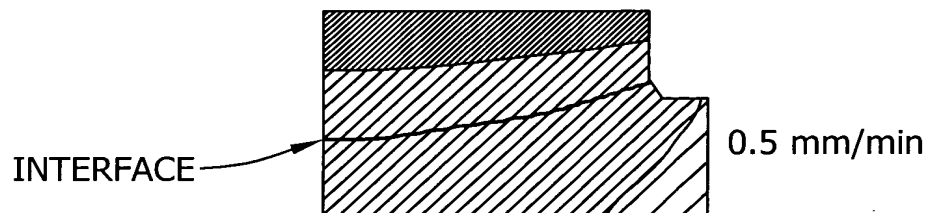


FIG. 52B

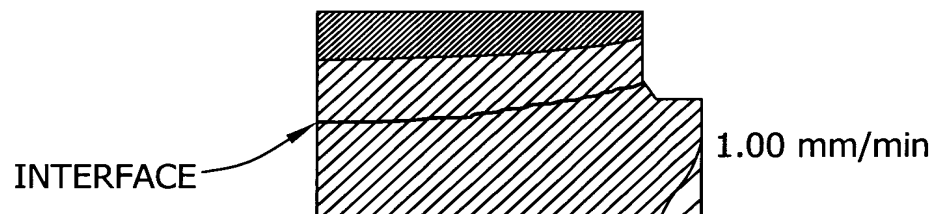


FIG. 52C

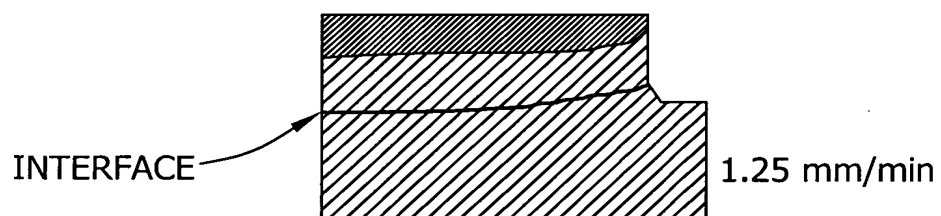


FIG. 52D

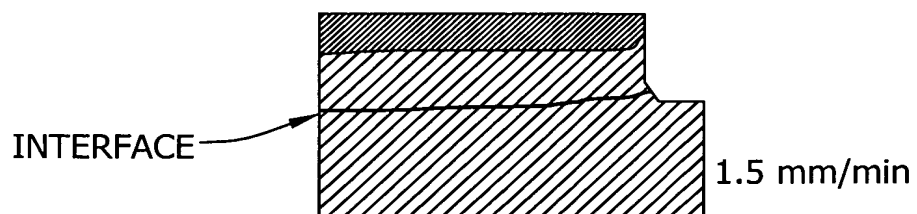


FIG. 53A

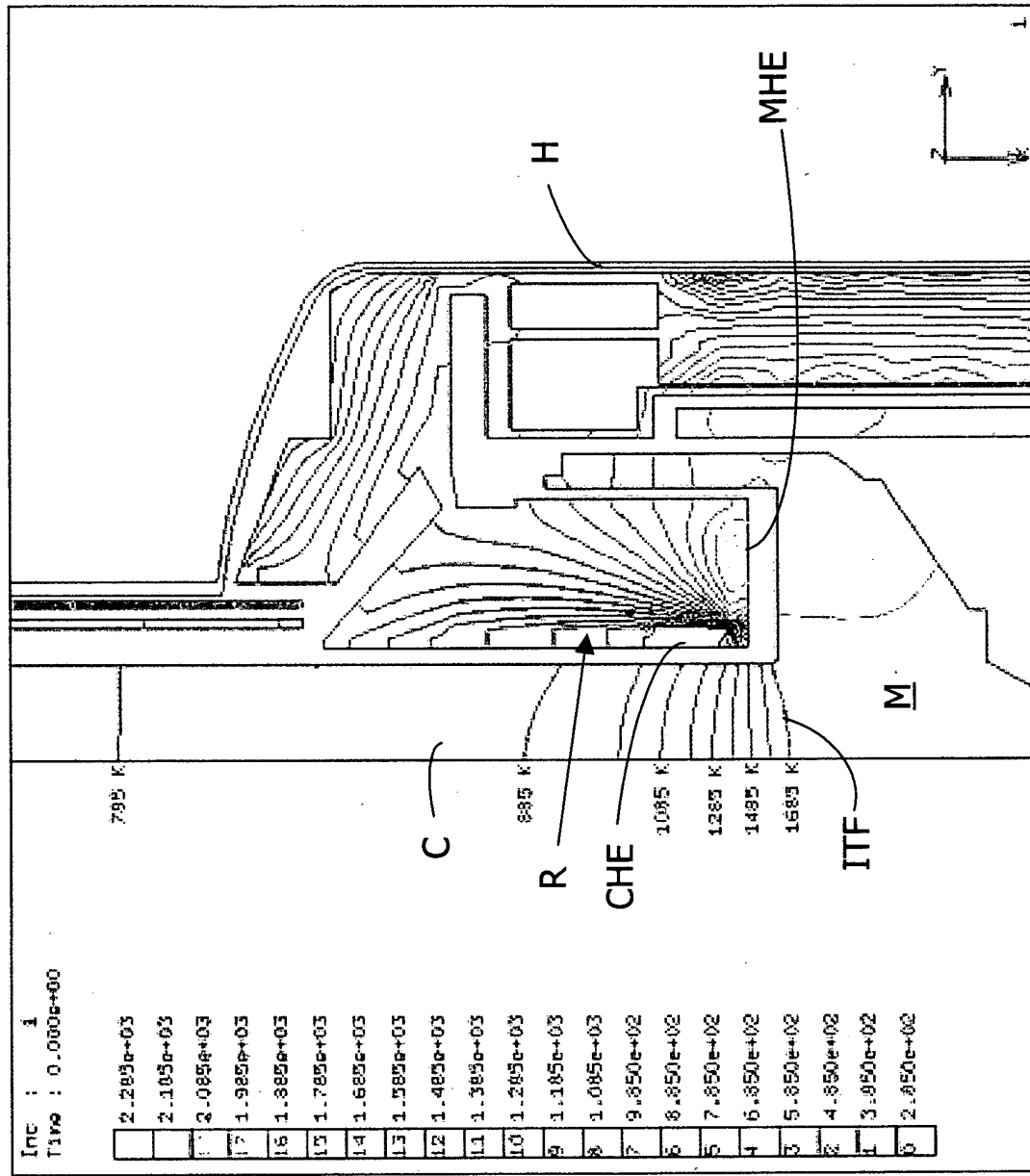


FIG. 53B

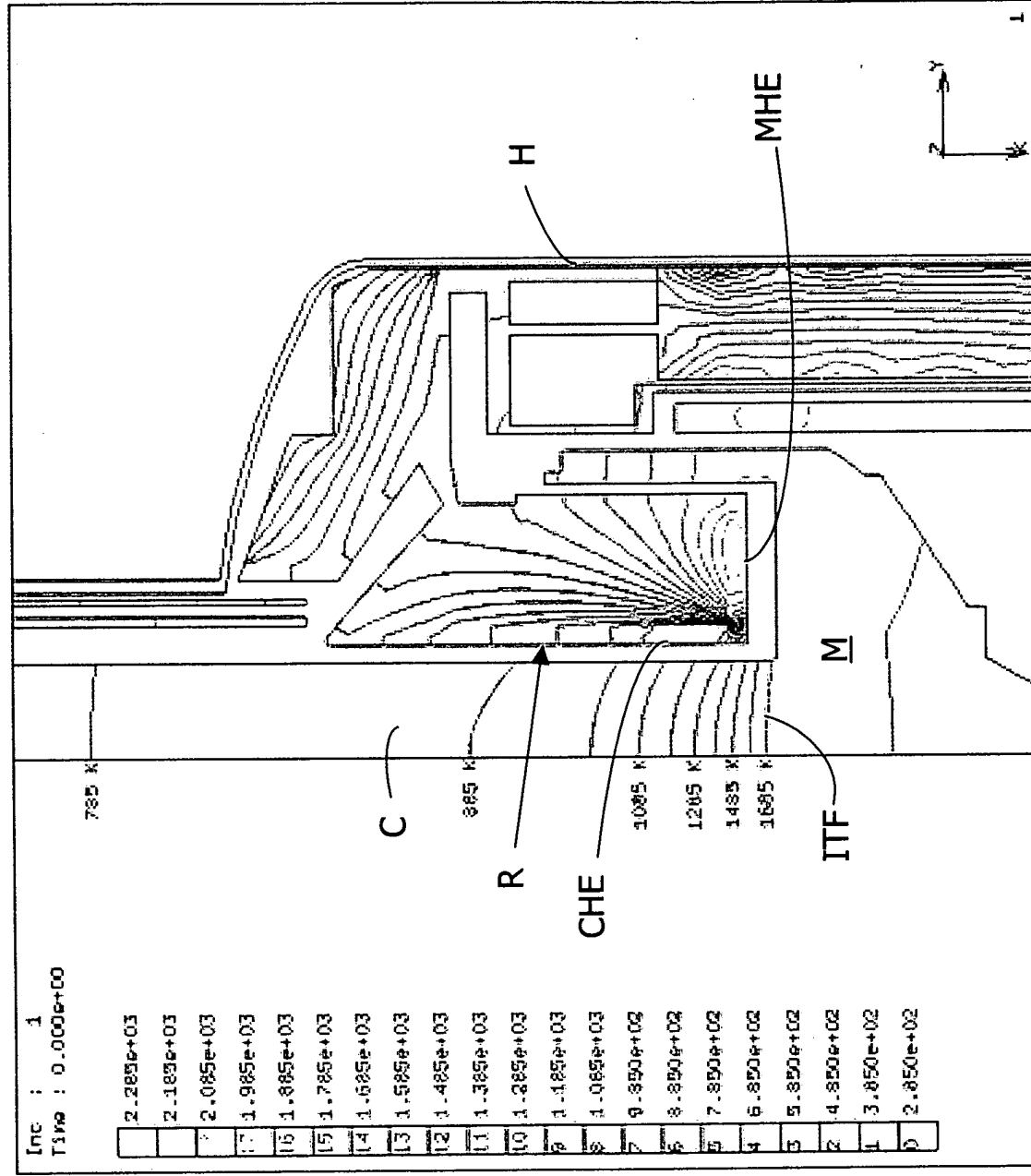


FIG. 54

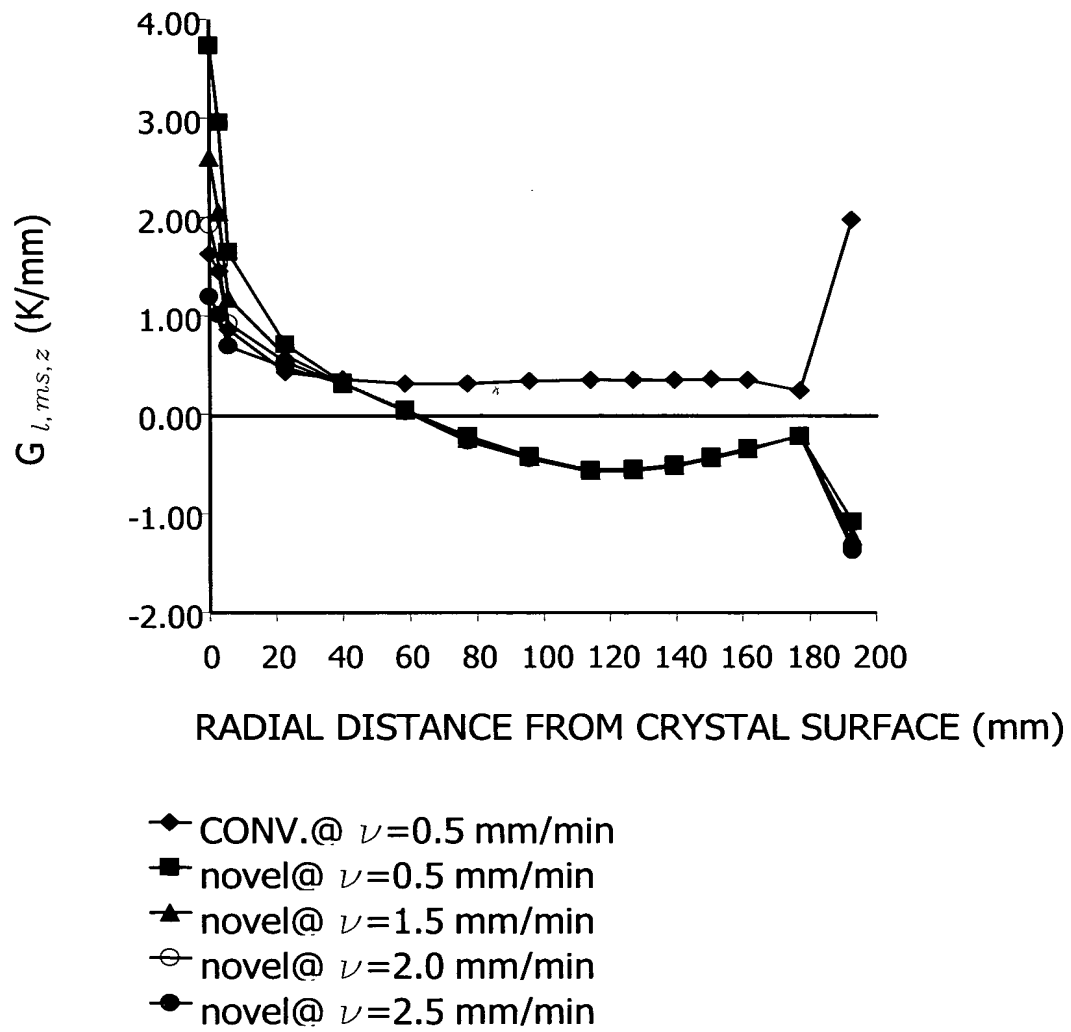


FIG. 55

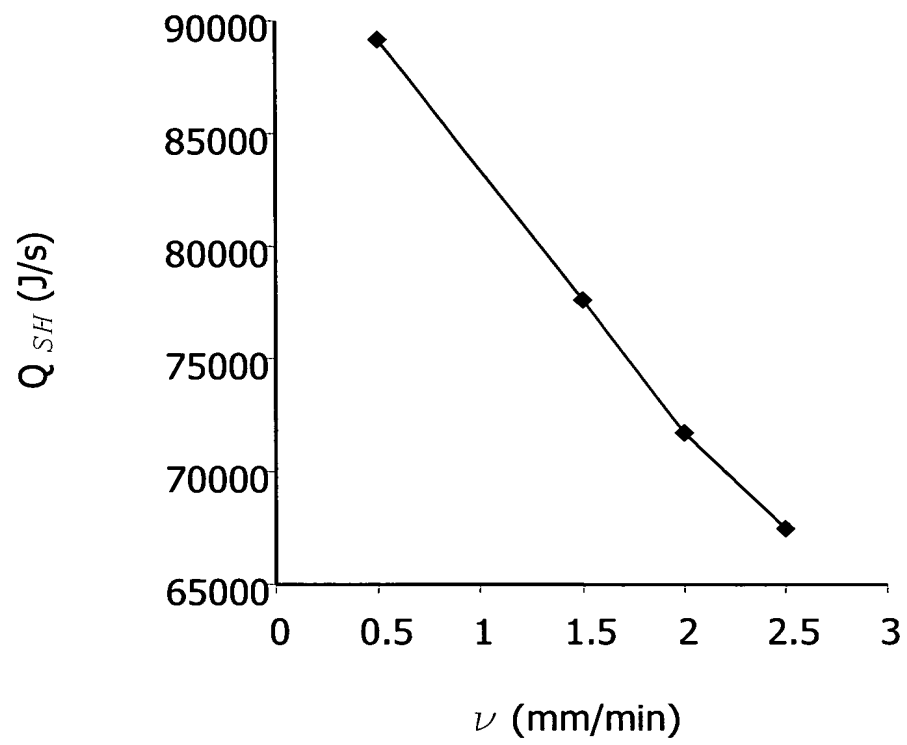


FIG. 56

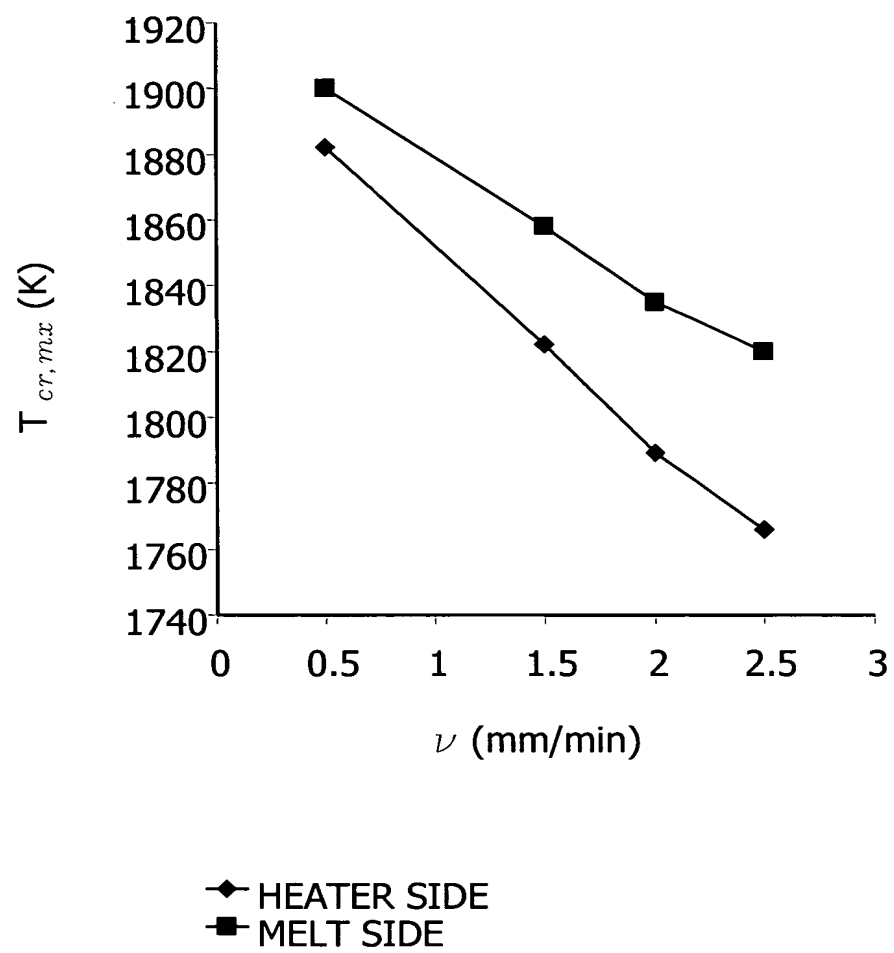
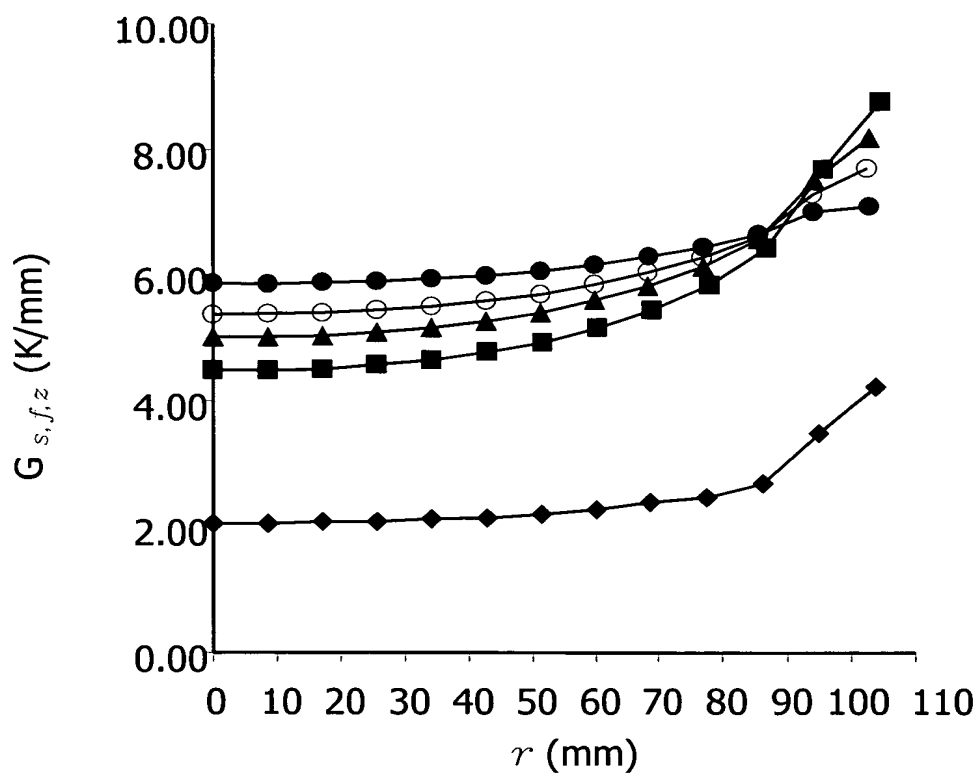


FIG. 57



- ◆ CONV.@ $\nu=0.5$ mm/min
- novel@ $\nu=0.5$ mm/min
- ▲ novel@ $\nu=1.5$ mm/min
- novel@ $\nu=2.0$ mm/min
- novel@ $\nu=2.5$ mm/min

FIG. 58

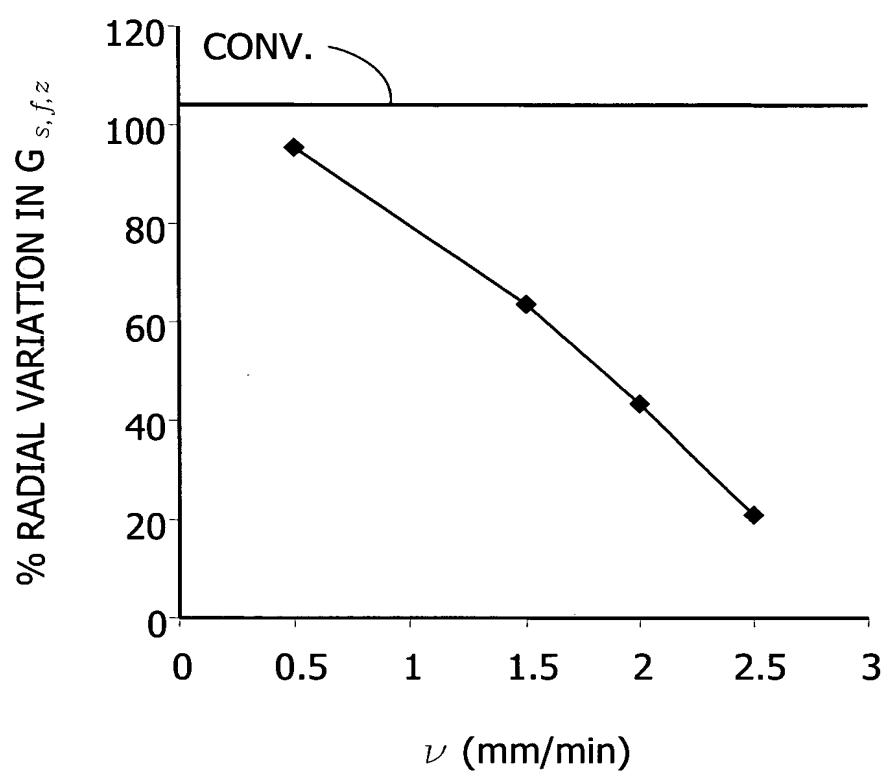
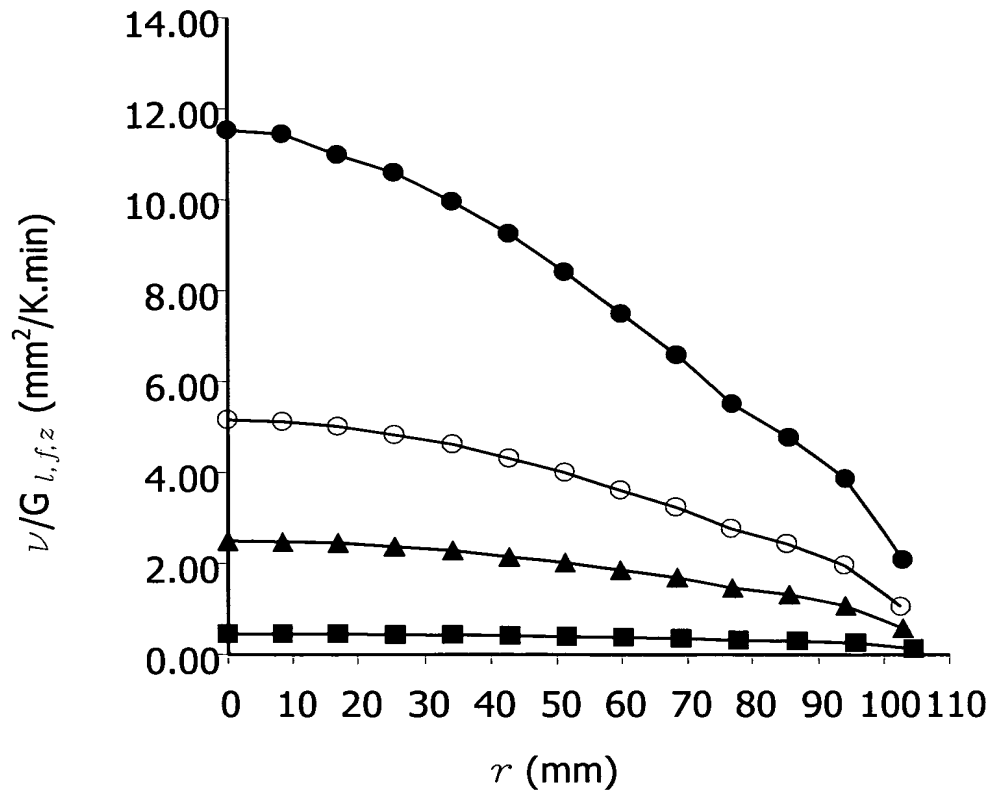


FIG. 59



- novel@ $\nu=0.5$ mm/min
- ▲ novel@ $\nu=1.5$ mm/min
- novel@ $\nu=2.0$ mm/min
- novel@ $\nu=2.5$ mm/min

FIG. 60A

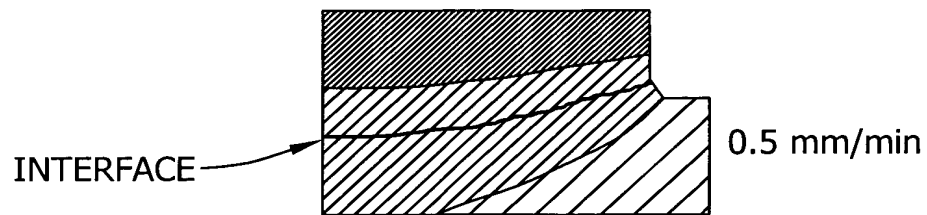


FIG. 60B

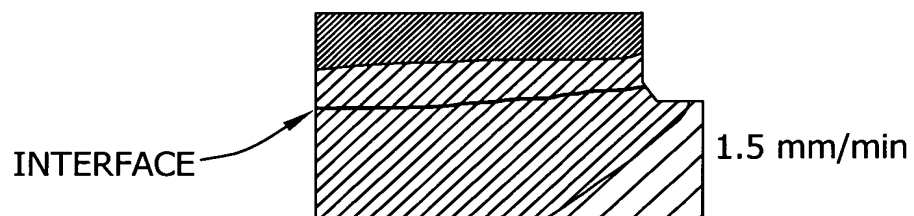


FIG. 60C

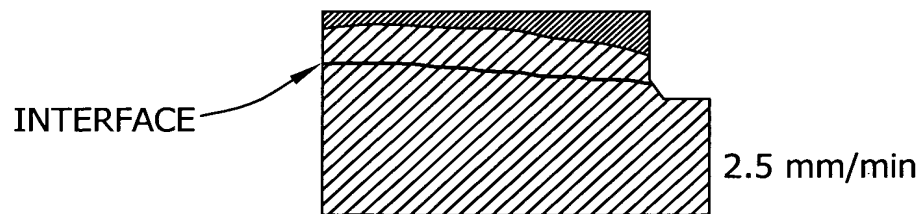
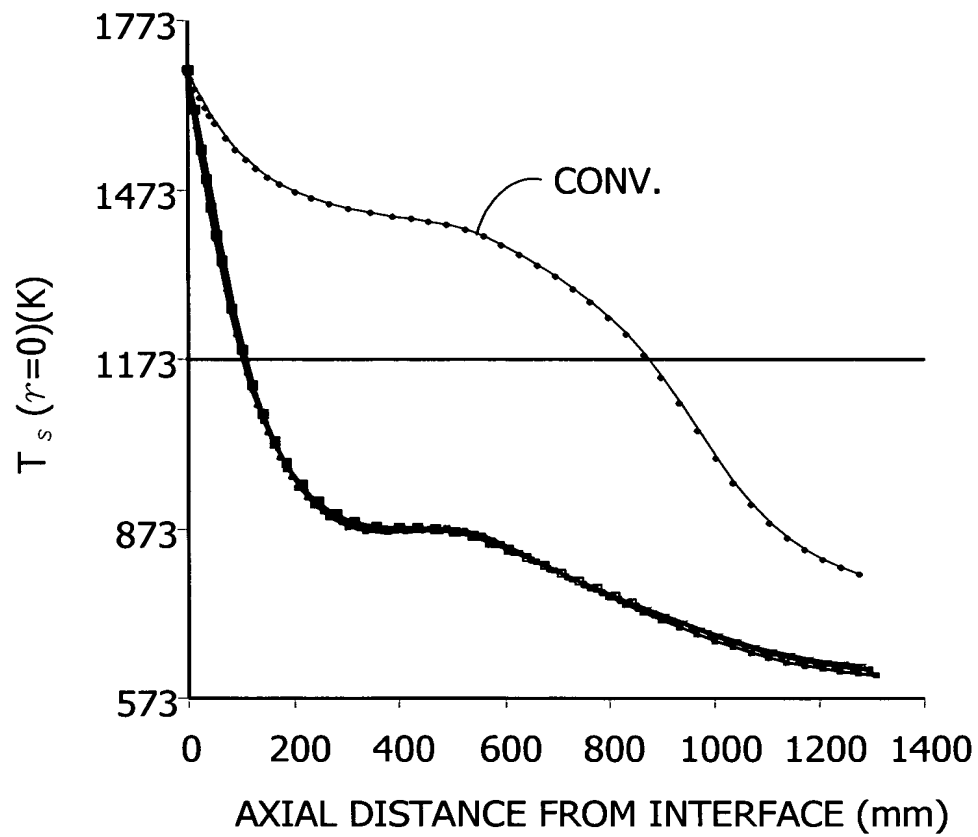


FIG. 61



- CONV.@ $v=0.5$ mm/min
- novel@ $v=0.5$ mm/min
- novel@ $v=1.5$ mm/min
- novel@ $v=2.0$ mm/min
- novel@ $v=2.5$ mm/min

FIG. 62

